TOSTSO STSSSSSO

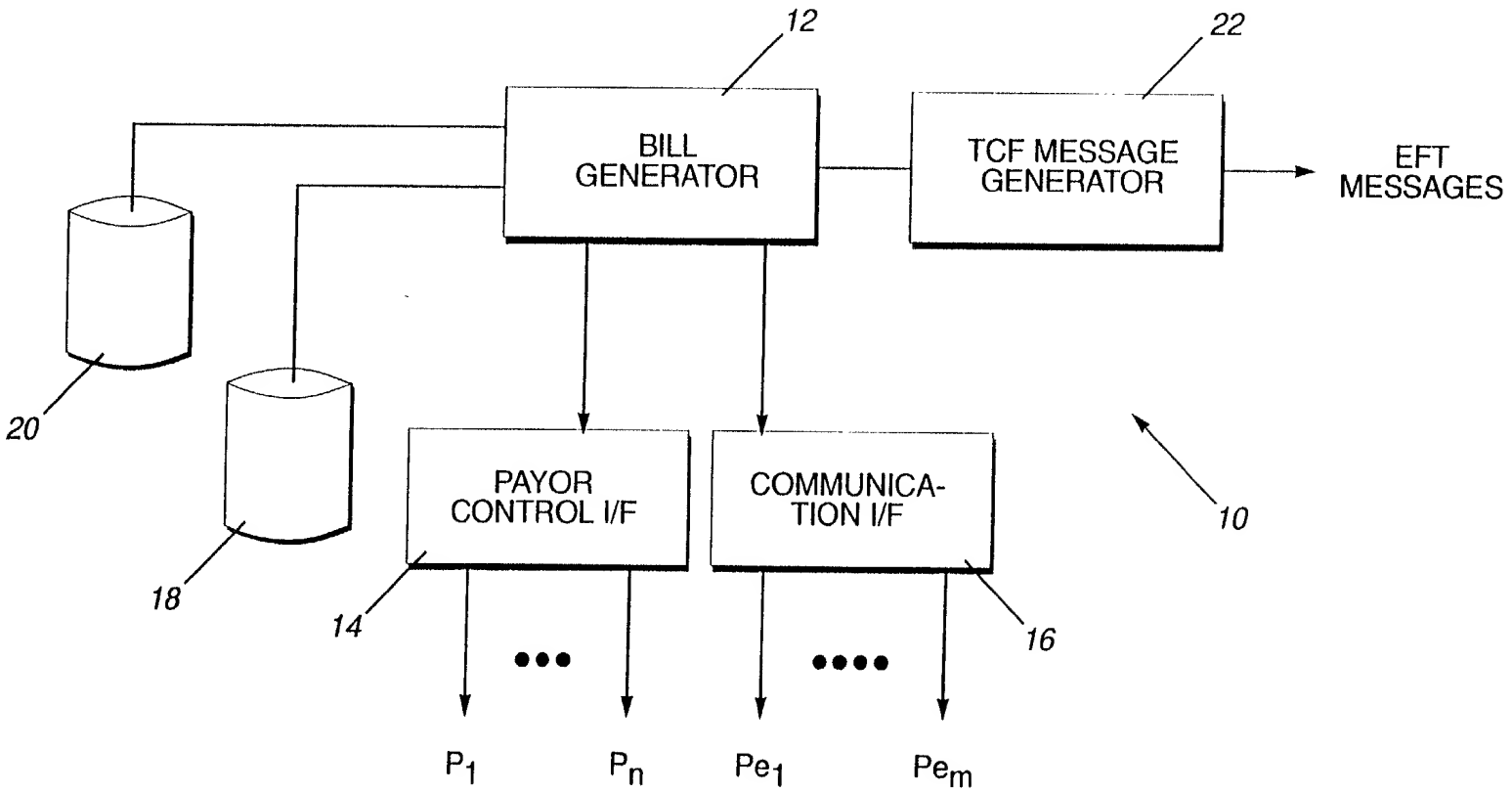

FIG 1

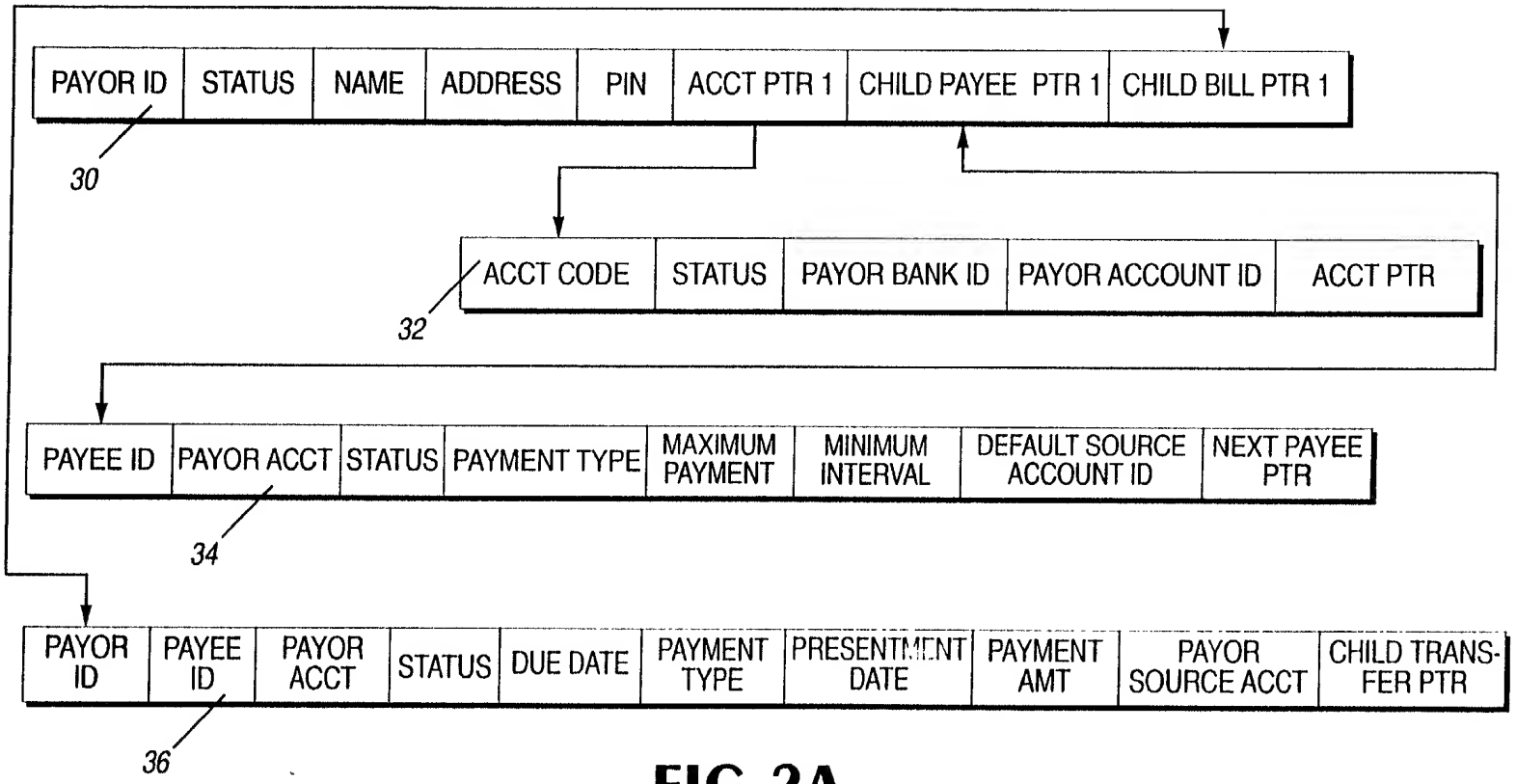
PAYOR ID
STATUS
NAME
ADDRESS
PIN
ACCT PTR 1
CHILD PAYEE PTR 1
CHILD BILL PTR 1
30
ACCT CODE
STATUS
PAYOR BANK ID
PAYOR ACCOUNT ID
ACCT PTR
32
PAYEE ID
PAYOR ACCT
STATUS
PAYMENT TYPE
MAXIMUM PAYMENT
MINIMUM INTERVAL
DEFAULT SOURCE ACCOUNT ID
NEXT PAYEE PTR
34
PAYOR ID
PAYEE ID
PAYOR ACCT
STATUS
DUE DATE
PAYMENT TYPE
PRESENTMENT DATE
PAYMENT AMT
PAYOR SOURCE ACCT
CHILD TRANS-FER PTR
36

FIG 2A

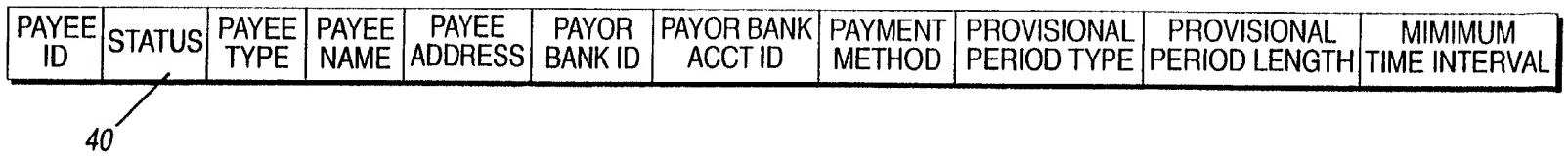
PAYEE ID
STATUS
PAYEE TYPE
PAYEE NAME
PAYEE ADDRESS
PAYOR BANK ID
PAYOR BANK ACCT ID
PAYMENT METHOD
PROVISIONAL PERIOD TYPE
PROVISIONAL PERIOD LENGTH
MIMIMUM TIME INTERVAL
40

FIG 2B

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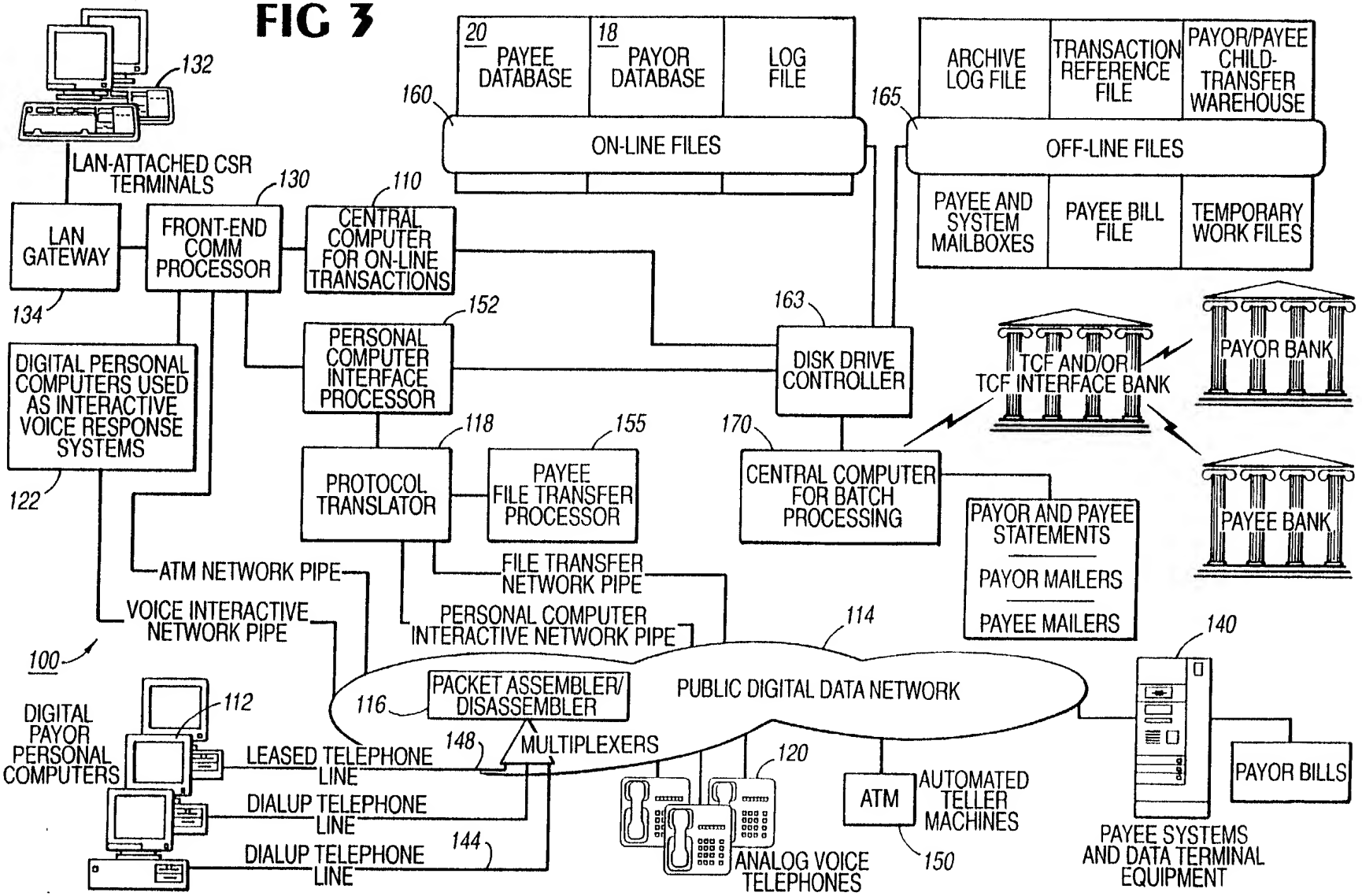
FIG 3



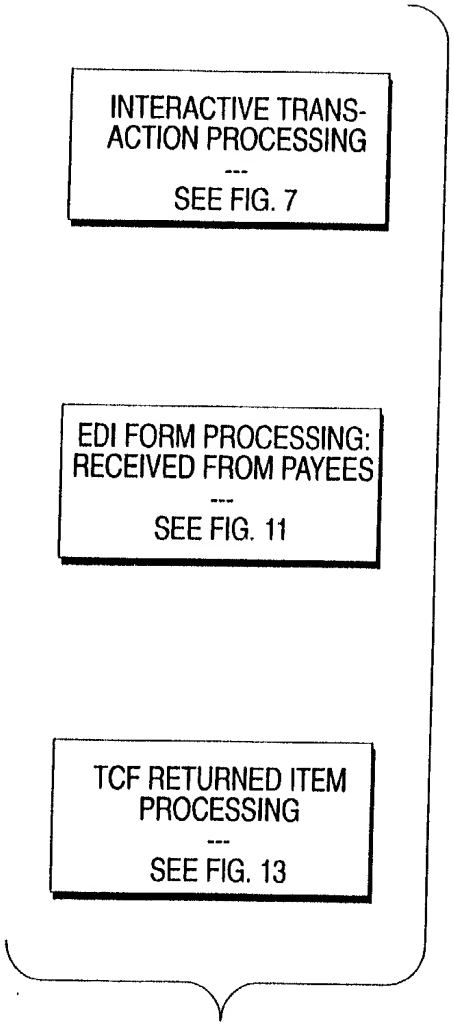


FIG 4

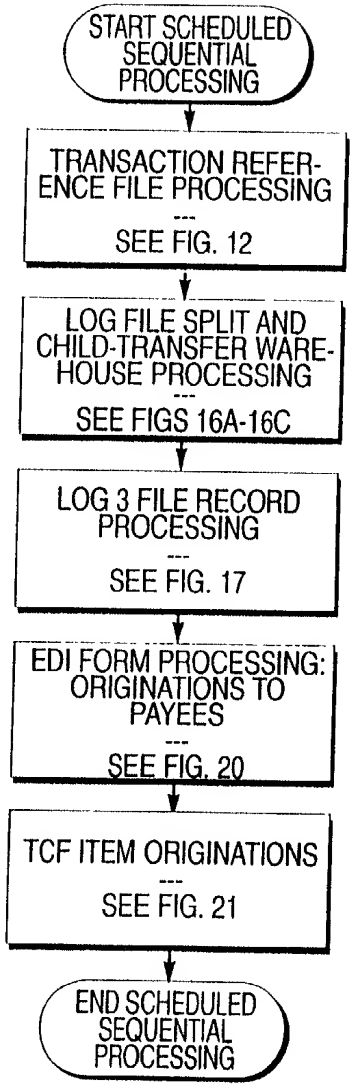


FIG 5

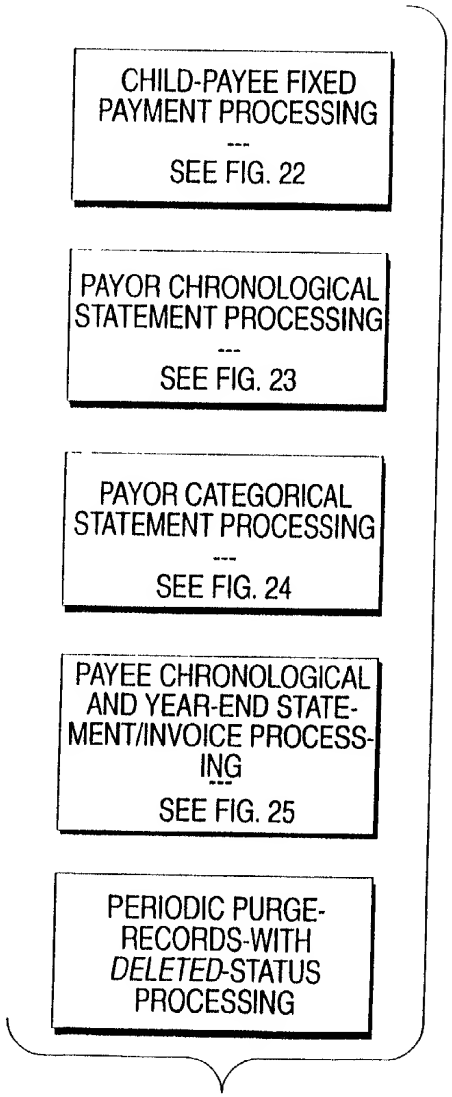


FIG 6

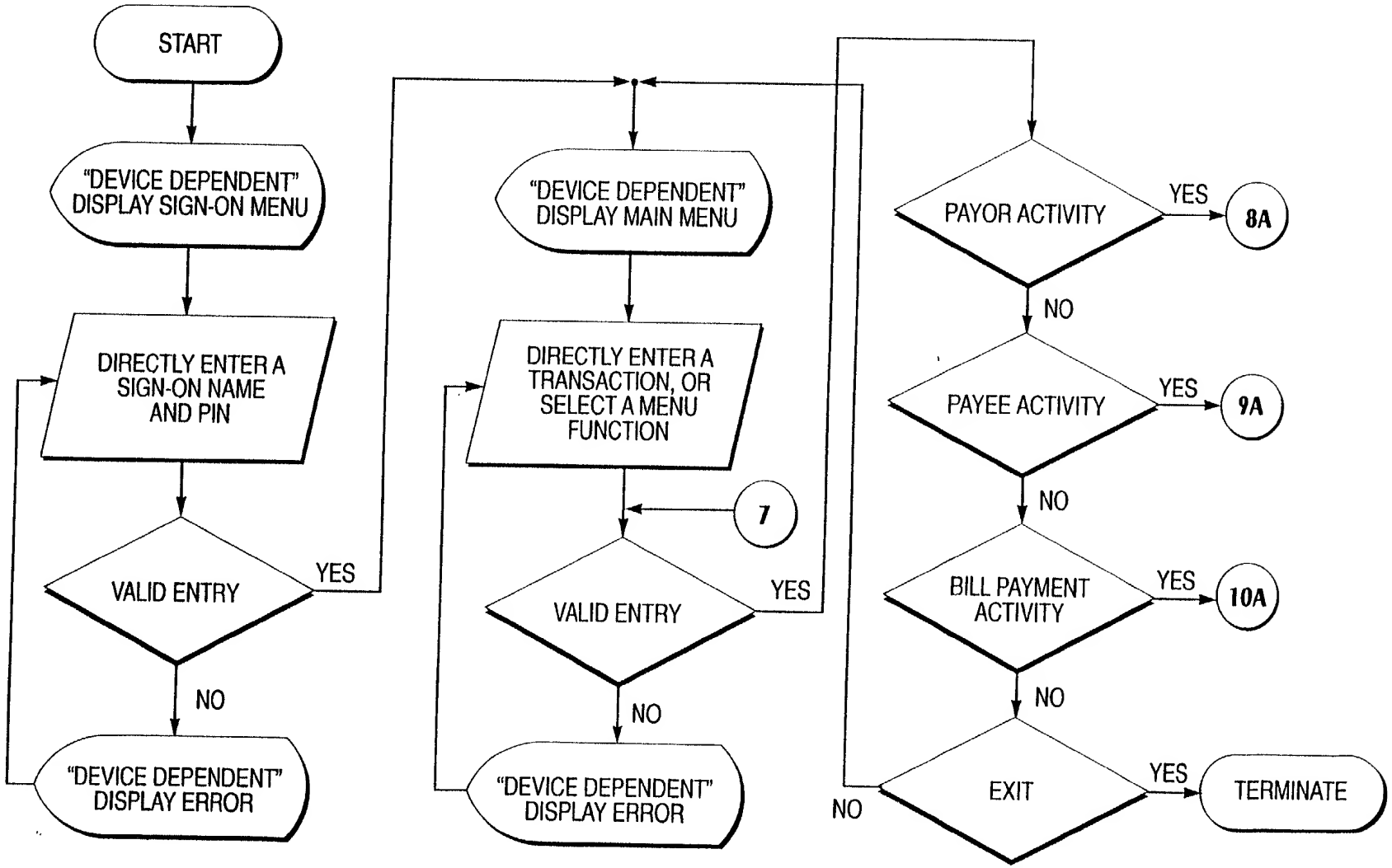

START
"DEVICE DEPENDENT" DISPLAY SIGN-ON MENU
DIRECTLY ENTER A SIGN-ON NAME AND PIN
VALID ENTRY
YES
NO
"DEVICE DEPENDENT" DISPLAY ERROR
"DEVICE DEPENDENT" DISPLAY MAIN MENU
DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
7
VALID ENTRY
YES
NO
"DEVICE DEPENDENT" DISPLAY ERROR
PAYOR ACTIVITY
YES
8A
NO
PAYEE ACTIVITY
YES
9A
NO
BILL PAYMENT ACTIVITY
YES
10A
NO
EXIT
YES
TERMINATE
NO

FIG 7

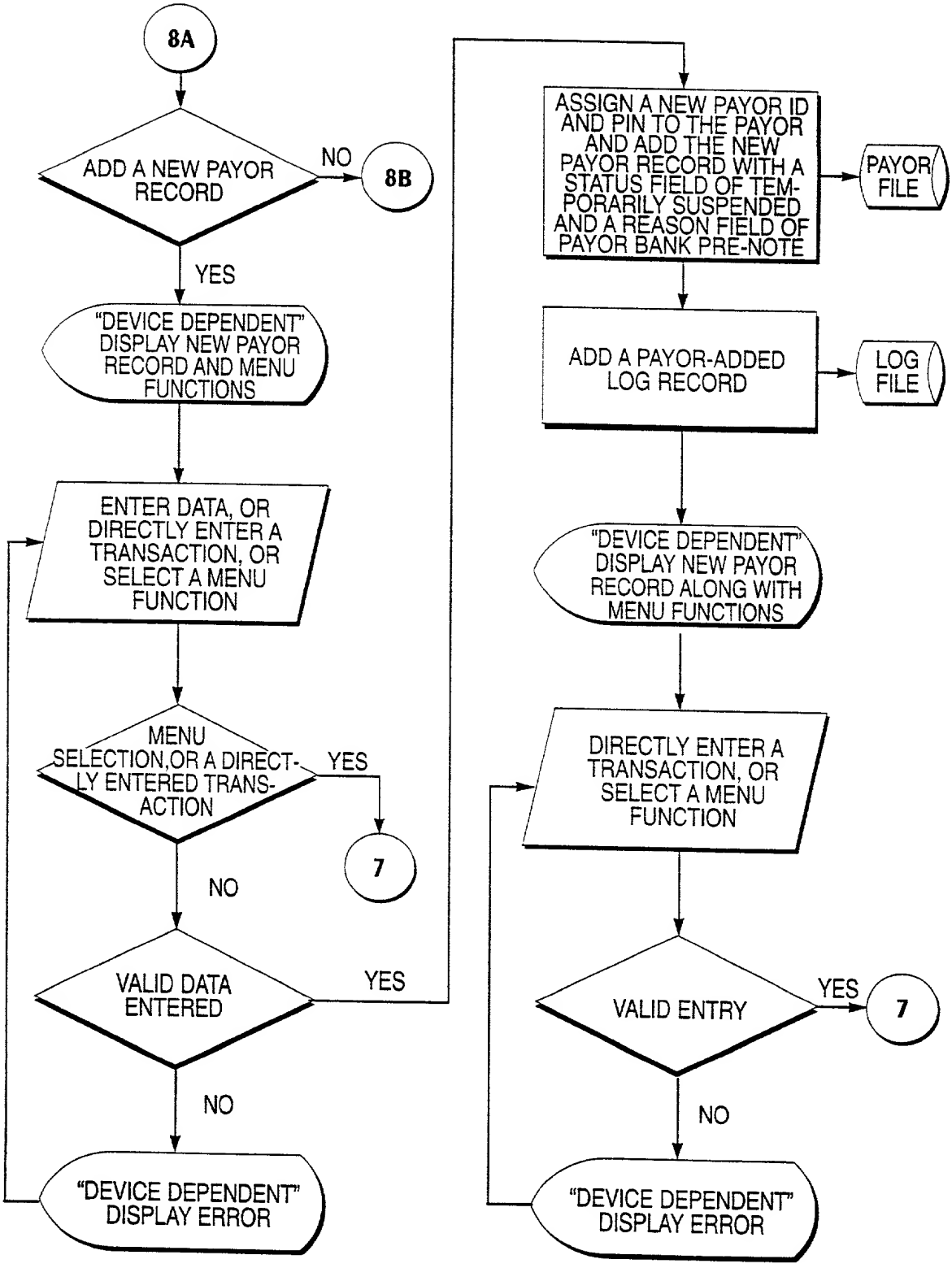

8A
ADD A NEW PAYOR RECORD
NO
8B
YES
"DEVICE DEPENDENT" DISPLAY NEW PAYOR RECORD AND MENU FUNCTIONS
ENTER DATA, OR DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
MENU SELECTION,OR A DIRECT-LY ENTERED TRANS-ACTION
YES
7
NO
VALID DATA ENTERED
YES
NO
"DEVICE DEPENDENT" DISPLAY ERROR
ASSIGN A NEW PAYOR ID AND PIN TO THE PAYOR AND ADD THE NEW PAYOR RECORD WITH A STATUS FIELD OF TEM-PORARILY SUSPENDED AND A REASON FIELD OF PAYOR BANK PRE-NOTE
PAYOR FILE
ADD A PAYOR-ADDED LOG RECORD
LOG FILE
"DEVICE DEPENDENT" DISPLAY NEW PAYOR RECORD ALONG WITH MENU FUNCTIONS
DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
VALID ENTRY
YES
7
NO
"DEVICE DEPENDENT" DISPLAY ERROR

FIG 8A

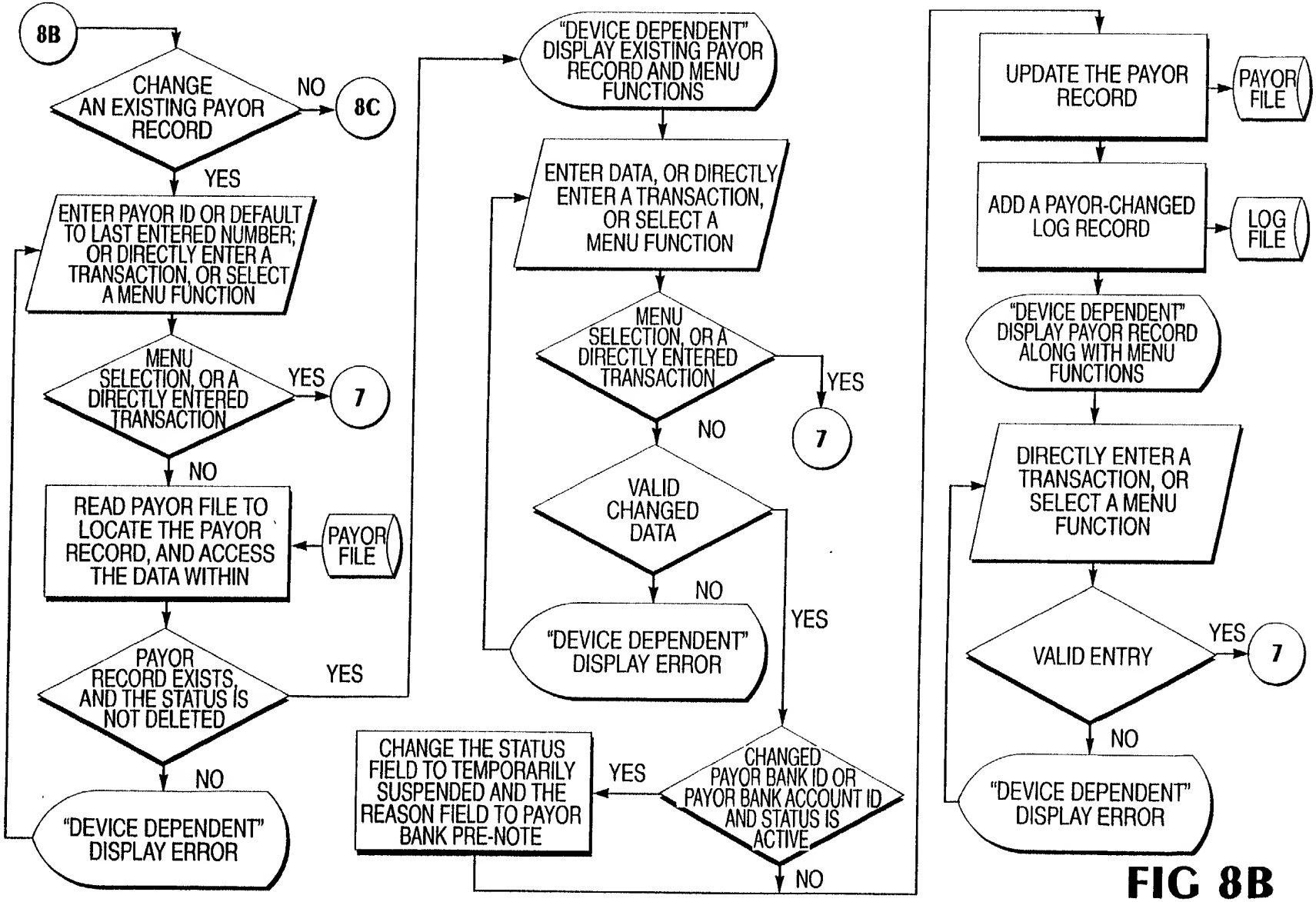

8B
CHANGE AN EXISTING PAYOR RECORD
NO
8C
YES
ENTER PAYOR ID OR DEFAULT TO LAST ENTERED NUMBER; OR DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
MENU SELECTION, OR A DIRECTLY ENTERED TRANSACTION
YES
7
NO
READ PAYOR FILE TO LOCATE THE PAYOR RECORD, AND ACCESS THE DATA WITHIN
PAYOR FILE
PAYOR RECORD EXISTS, AND THE STATUS IS NOT DELETED
YES
NO
"DEVICE DEPENDENT" DISPLAY ERROR
"DEVICE DEPENDENT" DISPLAY EXISTING PAYOR RECORD AND MENU FUNCTIONS
ENTER DATA, OR DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
MENU SELECTION, OR A DIRECTLY ENTERED TRANSACTION
YES
7
NO
VALID CHANGED DATA
NO
"DEVICE DEPENDENT" DISPLAY ERROR
YES
CHANGED PAYOR BANK ID OR PAYOR BANK ACCOUNT ID AND STATUS IS ACTIVE
YES
CHANGE THE STATUS FIELD TO TEMPORARILY SUSPENDED AND THE REASON FIELD TO PAYOR BANK PRE-NOTE
NO
UPDATE THE PAYOR RECORD
PAYOR FILE
ADD A PAYOR-CHANGED LOG RECORD
LOG FILE
"DEVICE DEPENDENT" DISPLAY PAYOR RECORD ALONG WITH MENU FUNCTIONS
DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
VALID ENTRY
YES
7
NO
"DEVICE DEPENDENT" DISPLAY ERROR

FIG 8B

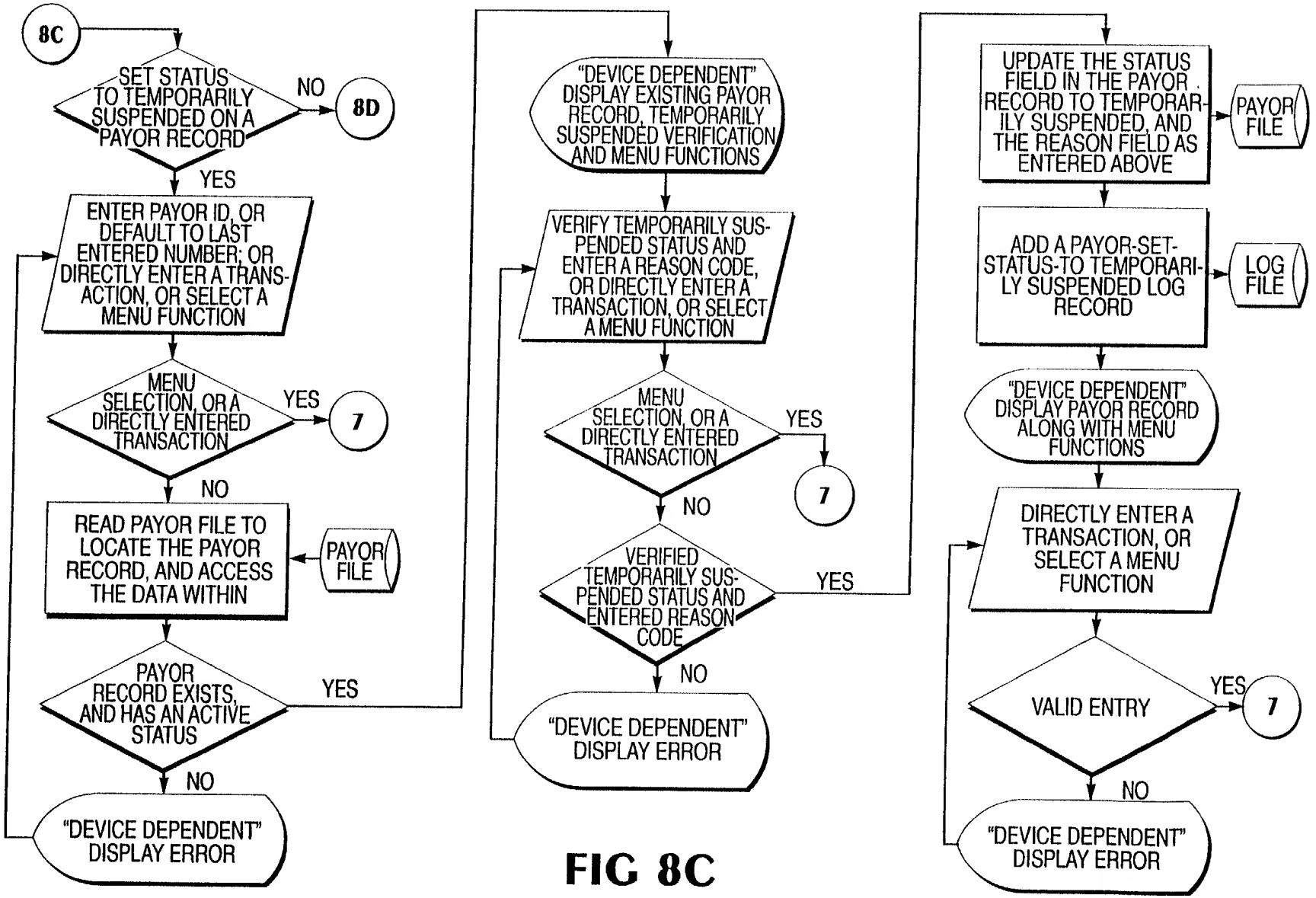

8C
SET STATUS TO TEMPORARILY SUSPENDED ON A PAYOR RECORD
NO
8D
YES
ENTER PAYOR ID, OR DEFAULT TO LAST ENTERED NUMBER; OR DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
MENU SELECTION, OR A DIRECTLY ENTERED TRANSACTION
YES
7
NO
READ PAYOR FILE TO LOCATE THE PAYOR RECORD, AND ACCESS THE DATA WITHIN
PAYOR FILE
PAYOR RECORD EXISTS, AND HAS AN ACTIVE STATUS
YES
NO
"DEVICE DEPENDENT" DISPLAY ERROR
"DEVICE DEPENDENT" DISPLAY EXISTING PAYOR RECORD, TEMPORARILY SUSPENDED VERIFICATION AND MENU FUNCTIONS
VERIFY TEMPORARILY SUSPENDED STATUS AND ENTER A REASON CODE, OR DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
MENU SELECTION, OR A DIRECTLY ENTERED TRANSACTION
YES
7
NO
VERIFIED TEMPORARILY SUSPENDED STATUS AND ENTERED REASON CODE
YES
NO
"DEVICE DEPENDENT" DISPLAY ERROR
UPDATE THE STATUS FIELD IN THE PAYOR RECORD TO TEMPORARILY SUSPENDED, AND THE REASON FIELD AS ENTERED ABOVE
PAYOR FILE
ADD A PAYOR-SET-STATUS-TO TEMPORARILY SUSPENDED LOG RECORD
LOG FILE
"DEVICE DEPENDENT" DISPLAY PAYOR RECORD ALONG WITH MENU FUNCTIONS
DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
VALID ENTRY
YES
7
NO
"DEVICE DEPENDENT" DISPLAY ERROR

FIG 8C

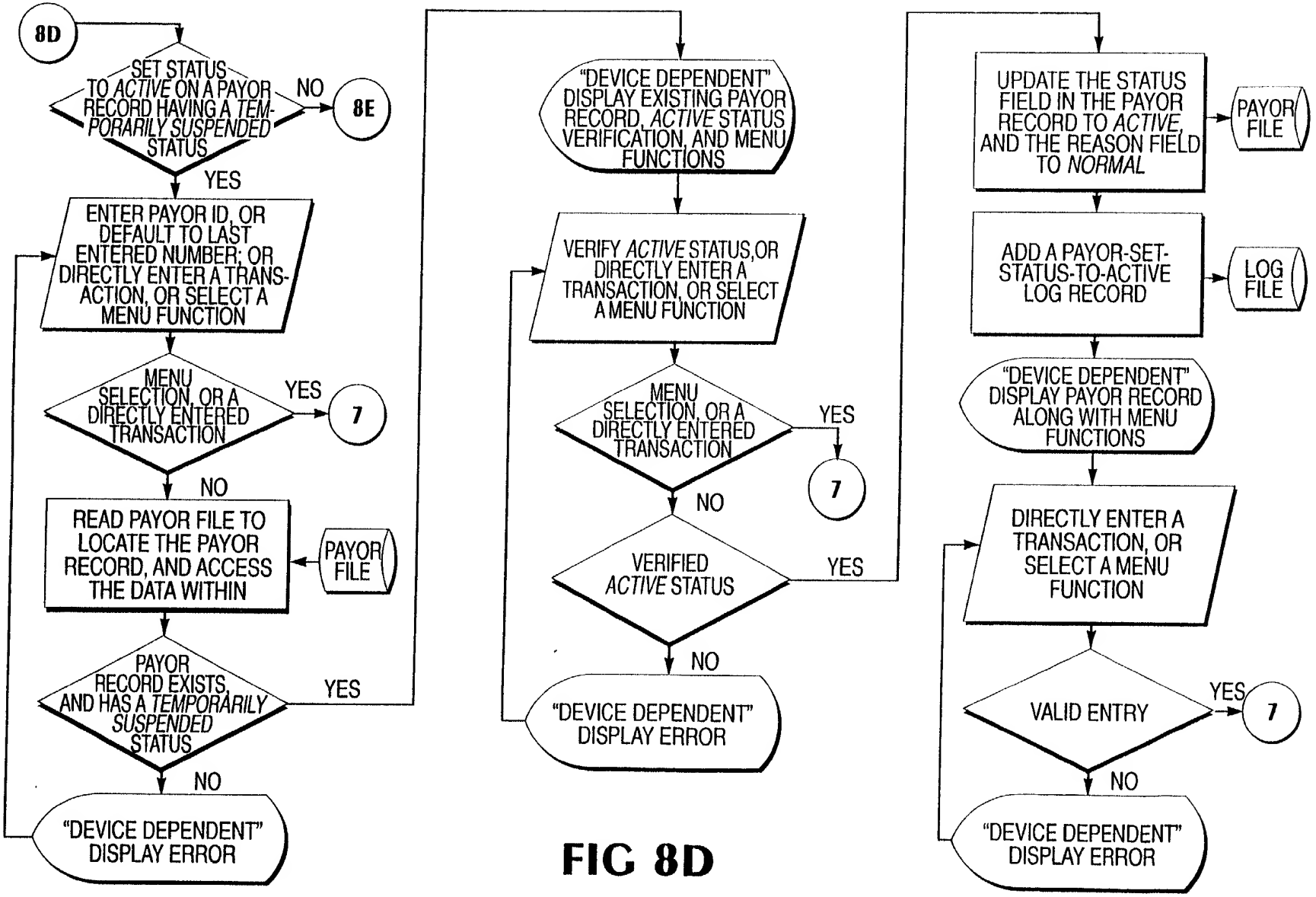

8D
SET STATUS TO *ACTIVE* ON A PAYOR RECORD HAVING A *TEMPORARILY SUSPENDED* STATUS
NO
8E
YES
ENTER PAYOR ID, OR DEFAULT TO LAST ENTERED NUMBER; OR DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
MENU SELECTION, OR A DIRECTLY ENTERED TRANSACTION
YES
7
NO
READ PAYOR FILE TO LOCATE THE PAYOR RECORD, AND ACCESS THE DATA WITHIN
PAYOR FILE
PAYOR RECORD EXISTS, AND HAS A *TEMPORARILY SUSPENDED* STATUS
YES
NO
"DEVICE DEPENDENT" DISPLAY ERROR
"DEVICE DEPENDENT" DISPLAY EXISTING PAYOR RECORD, *ACTIVE* STATUS VERIFICATION, AND MENU FUNCTIONS
VERIFY *ACTIVE* STATUS, OR DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
MENU SELECTION, OR A DIRECTLY ENTERED TRANSACTION
YES
7
NO
VERIFIED *ACTIVE* STATUS
YES
NO
"DEVICE DEPENDENT" DISPLAY ERROR
UPDATE THE STATUS FIELD IN THE PAYOR RECORD TO *ACTIVE*, AND THE REASON FIELD TO *NORMAL*
PAYOR FILE
ADD A PAYOR-SET-STATUS-TO-ACTIVE LOG RECORD
LOG FILE
"DEVICE DEPENDENT" DISPLAY PAYOR RECORD ALONG WITH MENU FUNCTIONS
DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
VALID ENTRY
YES
7
NO
"DEVICE DEPENDENT" DISPLAY ERROR

FIG 8D

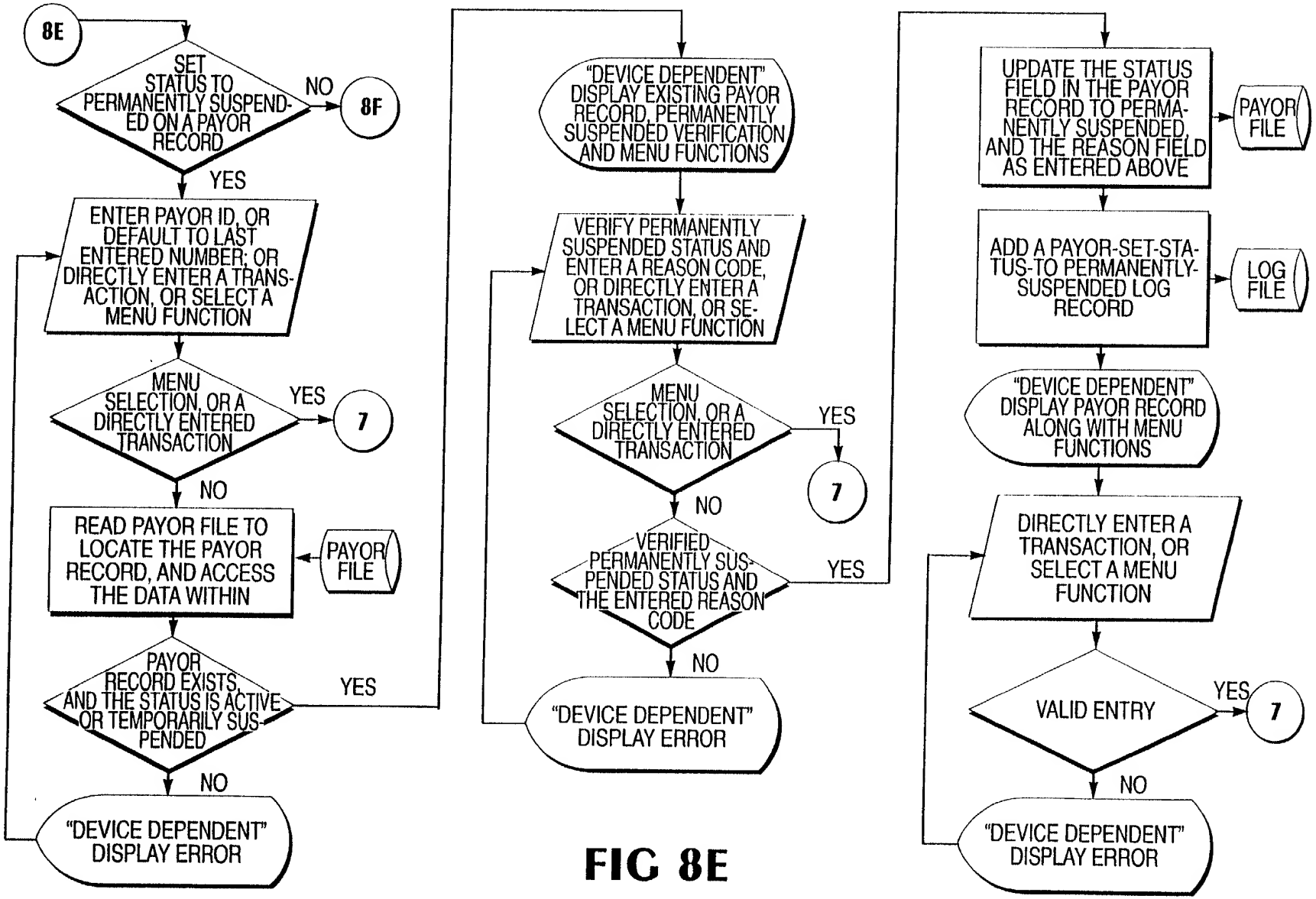

8E
SET STATUS TO PERMANENTLY SUSPENDED ON A PAYOR RECORD
NO
8F
YES
ENTER PAYOR ID, OR DEFAULT TO LAST ENTERED NUMBER; OR DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
MENU SELECTION, OR A DIRECTLY ENTERED TRANSACTION
YES
7
NO
READ PAYOR FILE TO LOCATE THE PAYOR RECORD, AND ACCESS THE DATA WITHIN
PAYOR FILE
PAYOR RECORD EXISTS, AND THE STATUS IS ACTIVE OR TEMPORARILY SUSPENDED
YES
NO
"DEVICE DEPENDENT" DISPLAY ERROR
"DEVICE DEPENDENT" DISPLAY EXISTING PAYOR RECORD, PERMANENTLY SUSPENDED VERIFICATION AND MENU FUNCTIONS
VERIFY PERMANENTLY SUSPENDED STATUS AND ENTER A REASON CODE, OR DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
MENU SELECTION, OR A DIRECTLY ENTERED TRANSACTION
YES
7
NO
VERIFIED PERMANENTLY SUSPENDED STATUS AND THE ENTERED REASON CODE
YES
NO
"DEVICE DEPENDENT" DISPLAY ERROR
UPDATE THE STATUS FIELD IN THE PAYOR RECORD TO PERMANENTLY SUSPENDED, AND THE REASON FIELD AS ENTERED ABOVE
PAYOR FILE
ADD A PAYOR-SET-STATUS-TO PERMANENTLY-SUSPENDED LOG RECORD
LOG FILE
"DEVICE DEPENDENT" DISPLAY PAYOR RECORD ALONG WITH MENU FUNCTIONS
DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
VALID ENTRY
YES
7
NO
"DEVICE DEPENDENT" DISPLAY ERROR

FIG 8E

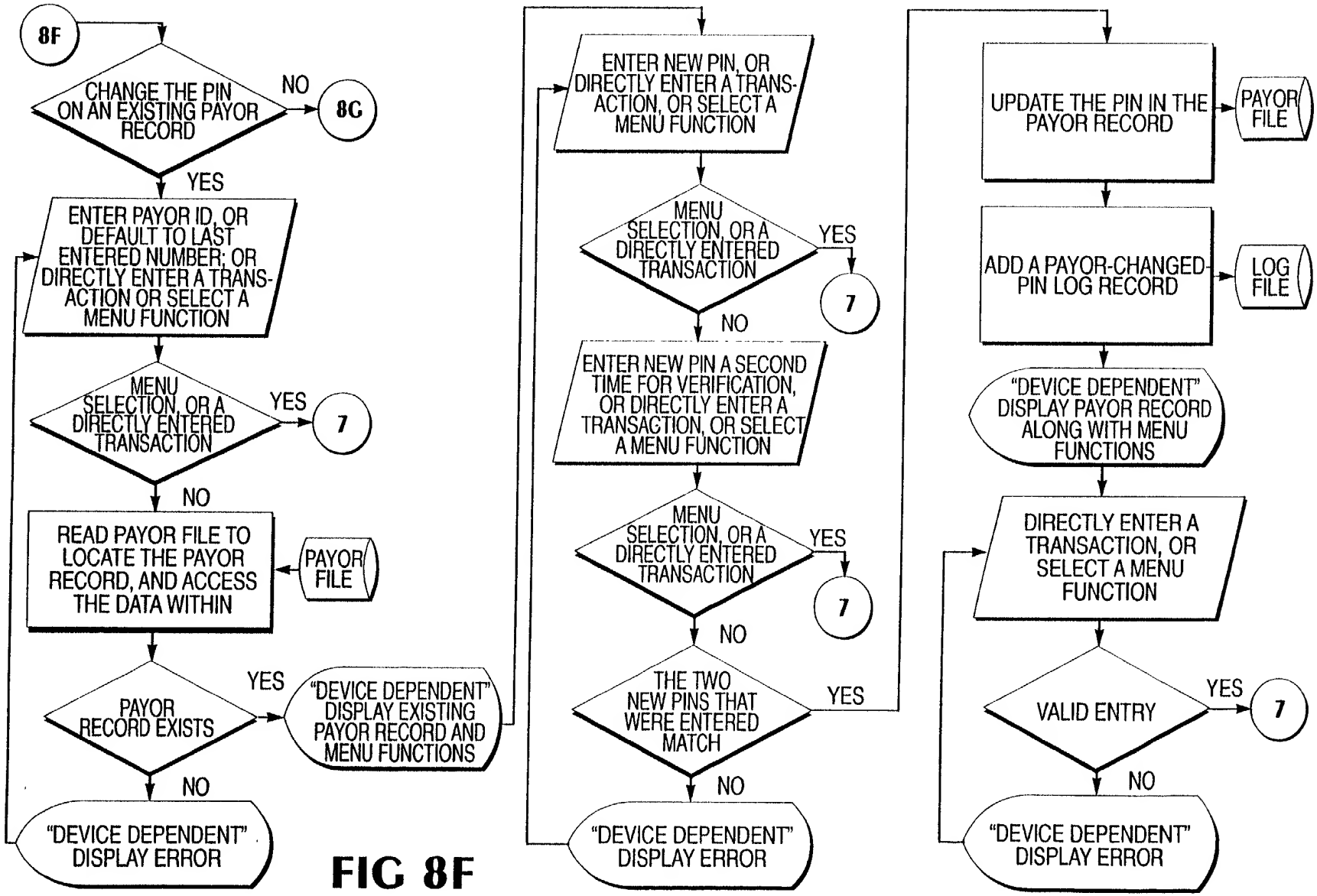

8F
CHANGE THE PIN ON AN EXISTING PAYOR RECORD
NO
8G
YES
ENTER PAYOR ID, OR DEFAULT TO LAST ENTERED NUMBER; OR DIRECTLY ENTER A TRANSACTION OR SELECT A MENU FUNCTION
MENU SELECTION, OR A DIRECTLY ENTERED TRANSACTION
YES
7
NO
READ PAYOR FILE TO LOCATE THE PAYOR RECORD, AND ACCESS THE DATA WITHIN
PAYOR FILE
PAYOR RECORD EXISTS
YES
"DEVICE DEPENDENT" DISPLAY EXISTING PAYOR RECORD AND MENU FUNCTIONS
NO
"DEVICE DEPENDENT" DISPLAY ERROR
ENTER NEW PIN, OR DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
MENU SELECTION, OR A DIRECTLY ENTERED TRANSACTION
YES
7
NO
ENTER NEW PIN A SECOND TIME FOR VERIFICATION, OR DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
MENU SELECTION, OR A DIRECTLY ENTERED TRANSACTION
YES
7
NO
THE TWO NEW PINS THAT WERE ENTERED MATCH
YES
NO
"DEVICE DEPENDENT" DISPLAY ERROR
UPDATE THE PIN IN THE PAYOR RECORD
PAYOR FILE
ADD A PAYOR-CHANGED-PIN LOG RECORD
LOG FILE
"DEVICE DEPENDENT" DISPLAY PAYOR RECORD ALONG WITH MENU FUNCTIONS
DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
VALID ENTRY
YES
7
NO
"DEVICE DEPENDENT" DISPLAY ERROR

FIG 8F

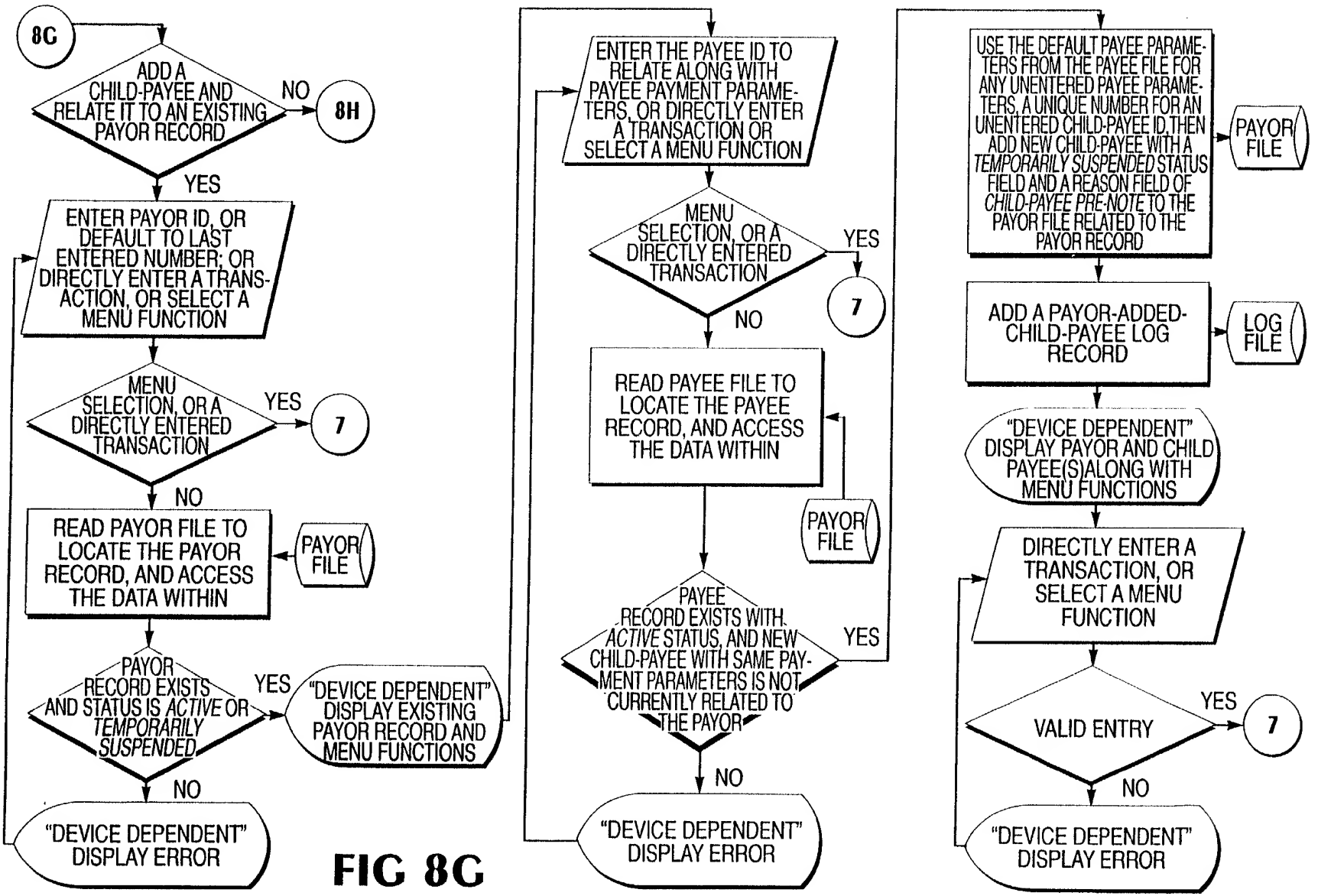

8C
ADD A CHILD-PAYEE AND RELATE IT TO AN EXISTING PAYOR RECORD
NO
8H
YES
ENTER PAYOR ID, OR DEFAULT TO LAST ENTERED NUMBER; OR DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
MENU SELECTION, OR A DIRECTLY ENTERED TRANSACTION
YES
7
NO
READ PAYOR FILE TO LOCATE THE PAYOR RECORD, AND ACCESS THE DATA WITHIN
PAYOR FILE
PAYOR RECORD EXISTS AND STATUS IS ACTIVE OR TEMPORARILY SUSPENDED
YES
"DEVICE DEPENDENT" DISPLAY EXISTING PAYOR RECORD AND MENU FUNCTIONS
NO
"DEVICE DEPENDENT" DISPLAY ERROR
ENTER THE PAYEE ID TO RELATE ALONG WITH PAYEE PAYMENT PARAMETERS, OR DIRECTLY ENTER A TRANSACTION OR SELECT A MENU FUNCTION
MENU SELECTION, OR A DIRECTLY ENTERED TRANSACTION
YES
7
NO
READ PAYEE FILE TO LOCATE THE PAYEE RECORD, AND ACCESS THE DATA WITHIN
PAYOR FILE
PAYEE RECORD EXISTS WITH ACTIVE STATUS, AND NEW CHILD-PAYEE WITH SAME PAYMENT PARAMETERS IS NOT CURRENTLY RELATED TO THE PAYOR
YES
NO
"DEVICE DEPENDENT" DISPLAY ERROR
USE THE DEFAULT PAYEE PARAMETERS FROM THE PAYEE FILE FOR ANY UNENTERED PAYEE PARAMETERS, A UNIQUE NUMBER FOR AN UNENTERED CHILD-PAYEE ID, THEN ADD NEW CHILD-PAYEE WITH A TEMPORARILY SUSPENDED STATUS FIELD AND A REASON FIELD OF CHILD-PAYEE PRE-NOTE TO THE PAYOR FILE RELATED TO THE PAYOR RECORD
PAYOR FILE
ADD A PAYOR-ADDED-CHILD-PAYEE LOG RECORD
LOG FILE
"DEVICE DEPENDENT" DISPLAY PAYOR AND CHILD PAYEE(S) ALONG WITH MENU FUNCTIONS
DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
VALID ENTRY
YES
7
NO
"DEVICE DEPENDENT" DISPLAY ERROR

FIG 8G

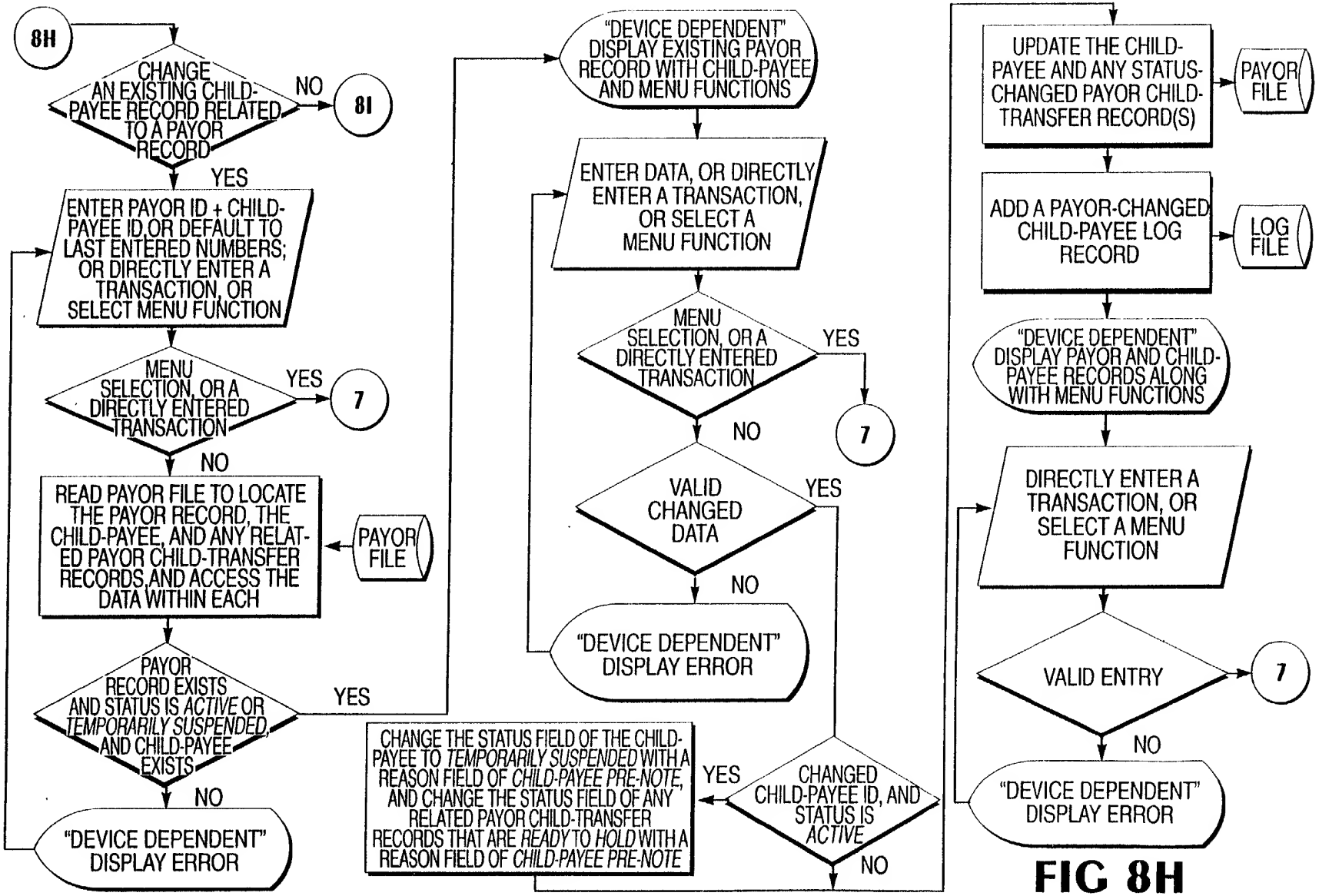

8H
CHANGE AN EXISTING CHILD-PAYEE RECORD RELATED TO A PAYOR RECORD
NO
81
YES
ENTER PAYOR ID + CHILD-PAYEE ID,OR DEFAULT TO LAST ENTERED NUMBERS; OR DIRECTLY ENTER A TRANSACTION, OR SELECT MENU FUNCTION
MENU SELECTION, OR A DIRECTLY ENTERED TRANSACTION
YES
7
NO
READ PAYOR FILE TO LOCATE THE PAYOR RECORD, THE CHILD-PAYEE, AND ANY RELATED PAYOR CHILD-TRANSFER RECORDS,AND ACCESS THE DATA WITHIN EACH
PAYOR FILE
PAYOR RECORD EXISTS AND STATUS IS ACTIVE OR TEMPORARILY SUSPENDED, AND CHILD-PAYEE EXISTS
YES
NO
"DEVICE DEPENDENT" DISPLAY ERROR
"DEVICE DEPENDENT" DISPLAY EXISTING PAYOR RECORD WITH CHILD-PAYEE AND MENU FUNCTIONS
ENTER DATA, OR DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
MENU SELECTION, OR A DIRECTLY ENTERED TRANSACTION
YES
7
NO
VALID CHANGED DATA
YES
NO
"DEVICE DEPENDENT" DISPLAY ERROR
CHANGE THE STATUS FIELD OF THE CHILD-PAYEE TO TEMPORARILY SUSPENDED WITH A REASON FIELD OF CHILD-PAYEE PRE-NOTE, AND CHANGE THE STATUS FIELD OF ANY RELATED PAYOR CHILD-TRANSFER RECORDS THAT ARE READY TO HOLD WITH A REASON FIELD OF CHILD-PAYEE PRE-NOTE
YES
CHANGED CHILD-PAYEE ID, AND STATUS IS ACTIVE
NO
UPDATE THE CHILD-PAYEE AND ANY STATUS-CHANGED PAYOR CHILD-TRANSFER RECORD(S)
PAYOR FILE
ADD A PAYOR-CHANGED CHILD-PAYEE LOG RECORD
LOG FILE
"DEVICE DEPENDENT" DISPLAY PAYOR AND CHILD-PAYEE RECORDS ALONG WITH MENU FUNCTIONS
DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
VALID ENTRY
7
NO
"DEVICE DEPENDENT" DISPLAY ERROR

FIG 8H

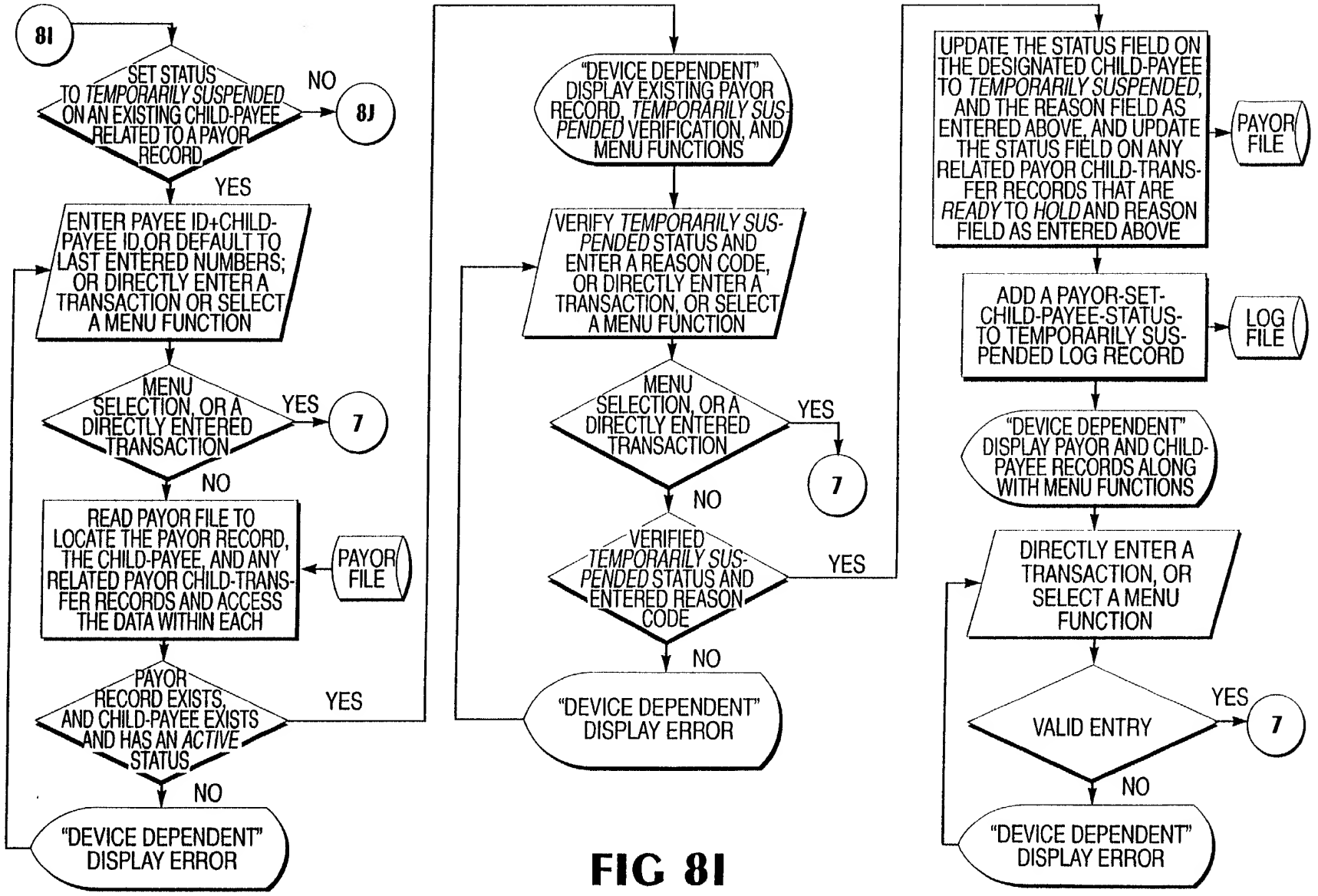

81
SET STATUS TO TEMPORARILY SUSPENDED ON AN EXISTING CHILD-PAYEE RELATED TO A PAYOR RECORD
NO
8J
YES
ENTER PAYEE ID+CHILD-PAYEE ID,OR DEFAULT TO LAST ENTERED NUMBERS; OR DIRECTLY ENTER A TRANSACTION OR SELECT A MENU FUNCTION
MENU SELECTION, OR A DIRECTLY ENTERED TRANSACTION
YES
7
NO
READ PAYOR FILE TO LOCATE THE PAYOR RECORD, THE CHILD-PAYEE, AND ANY RELATED PAYOR CHILD-TRANSFER RECORDS AND ACCESS THE DATA WITHIN EACH
PAYOR FILE
PAYOR RECORD EXISTS, AND CHILD-PAYEE EXISTS AND HAS AN ACTIVE STATUS
YES
NO
"DEVICE DEPENDENT" DISPLAY ERROR
"DEVICE DEPENDENT" DISPLAY EXISTING PAYOR RECORD, TEMPORARILY SUSPENDED VERIFICATION, AND MENU FUNCTIONS
VERIFY TEMPORARILY SUSPENDED STATUS AND ENTER A REASON CODE, OR DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
MENU SELECTION, OR A DIRECTLY ENTERED TRANSACTION
YES
7
NO
VERIFIED TEMPORARILY SUSPENDED STATUS AND ENTERED REASON CODE
YES
NO
"DEVICE DEPENDENT" DISPLAY ERROR
UPDATE THE STATUS FIELD ON THE DESIGNATED CHILD-PAYEE TO TEMPORARILY SUSPENDED, AND THE REASON FIELD AS ENTERED ABOVE, AND UPDATE THE STATUS FIELD ON ANY RELATED PAYOR CHILD-TRANSFER RECORDS THAT ARE READY TO HOLD AND REASON FIELD AS ENTERED ABOVE
PAYOR FILE
ADD A PAYOR-SET-CHILD-PAYEE-STATUS-TO TEMPORARILY SUSPENDED LOG RECORD
LOG FILE
"DEVICE DEPENDENT" DISPLAY PAYOR AND CHILD-PAYEE RECORDS ALONG WITH MENU FUNCTIONS
DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
VALID ENTRY
YES
7
NO
"DEVICE DEPENDENT" DISPLAY ERROR

FIG 81

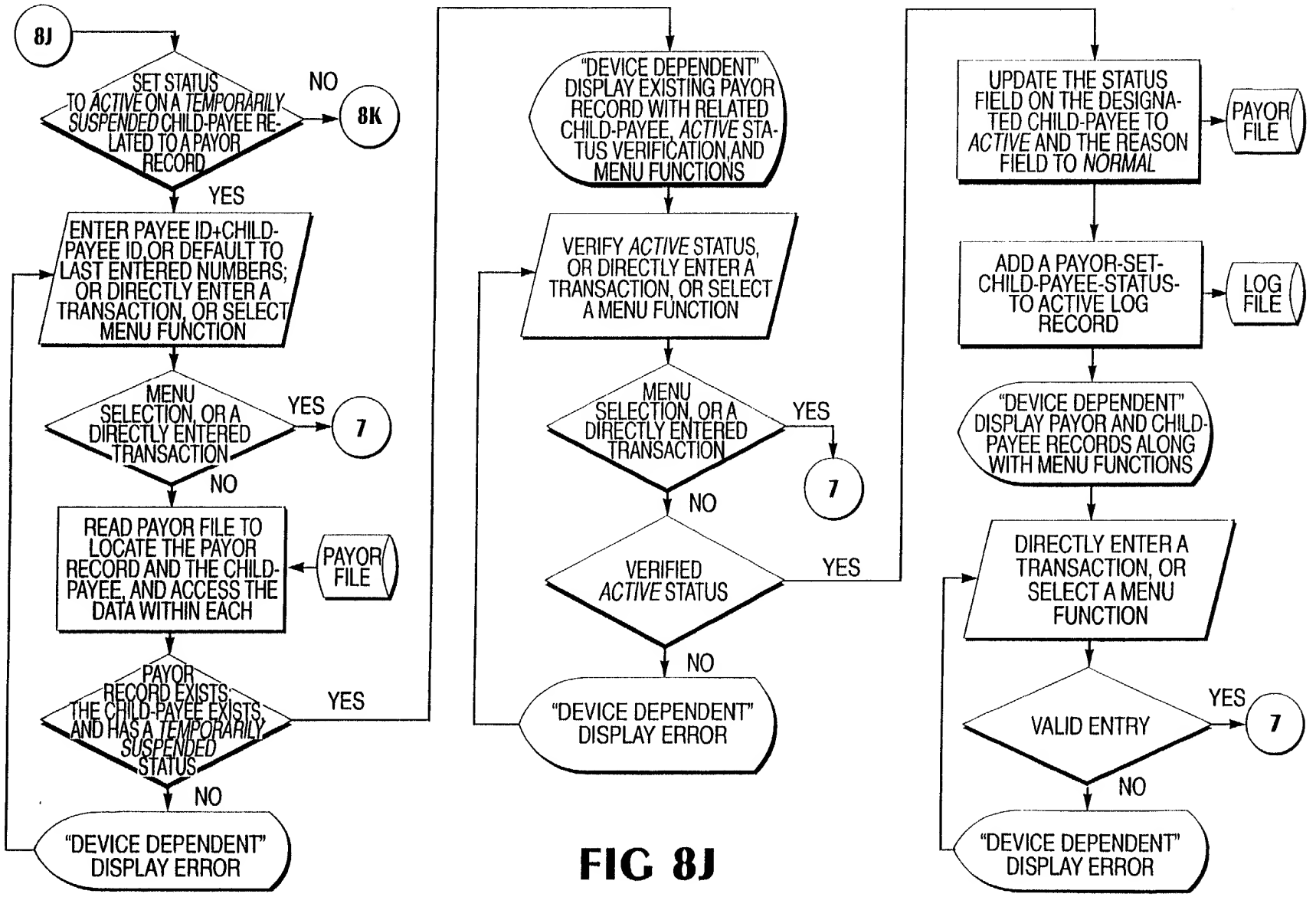

8J
SET STATUS TO ACTIVE ON A TEMPORARILY SUSPENDED CHILD-PAYEE RELATED TO A PAYOR RECORD
NO
8K
YES
ENTER PAYEE ID+CHILD-PAYEE ID,OR DEFAULT TO LAST ENTERED NUMBERS; OR DIRECTLY ENTER A TRANSACTION, OR SELECT MENU FUNCTION
MENU SELECTION, OR A DIRECTLY ENTERED TRANSACTION
YES
7
NO
READ PAYOR FILE TO LOCATE THE PAYOR RECORD AND THE CHILD-PAYEE, AND ACCESS THE DATA WITHIN EACH
PAYOR FILE
PAYOR RECORD EXISTS, THE CHILD-PAYEE EXISTS, AND HAS A TEMPORARILY SUSPENDED STATUS
YES
NO
"DEVICE DEPENDENT" DISPLAY ERROR
"DEVICE DEPENDENT" DISPLAY EXISTING PAYOR RECORD WITH RELATED CHILD-PAYEE, ACTIVE STATUS VERIFICATION,AND MENU FUNCTIONS
VERIFY ACTIVE STATUS, OR DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
MENU SELECTION, OR A DIRECTLY ENTERED TRANSACTION
YES
7
NO
VERIFIED ACTIVE STATUS
YES
NO
"DEVICE DEPENDENT" DISPLAY ERROR
UPDATE THE STATUS FIELD ON THE DESIGNATED CHILD-PAYEE TO ACTIVE AND THE REASON FIELD TO NORMAL
PAYOR FILE
ADD A PAYOR-SET-CHILD-PAYEE-STATUS-TO ACTIVE LOG RECORD
LOG FILE
"DEVICE DEPENDENT" DISPLAY PAYOR AND CHILD-PAYEE RECORDS ALONG WITH MENU FUNCTIONS
DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
VALID ENTRY
YES
7
NO
"DEVICE DEPENDENT" DISPLAY ERROR

FIG 8J

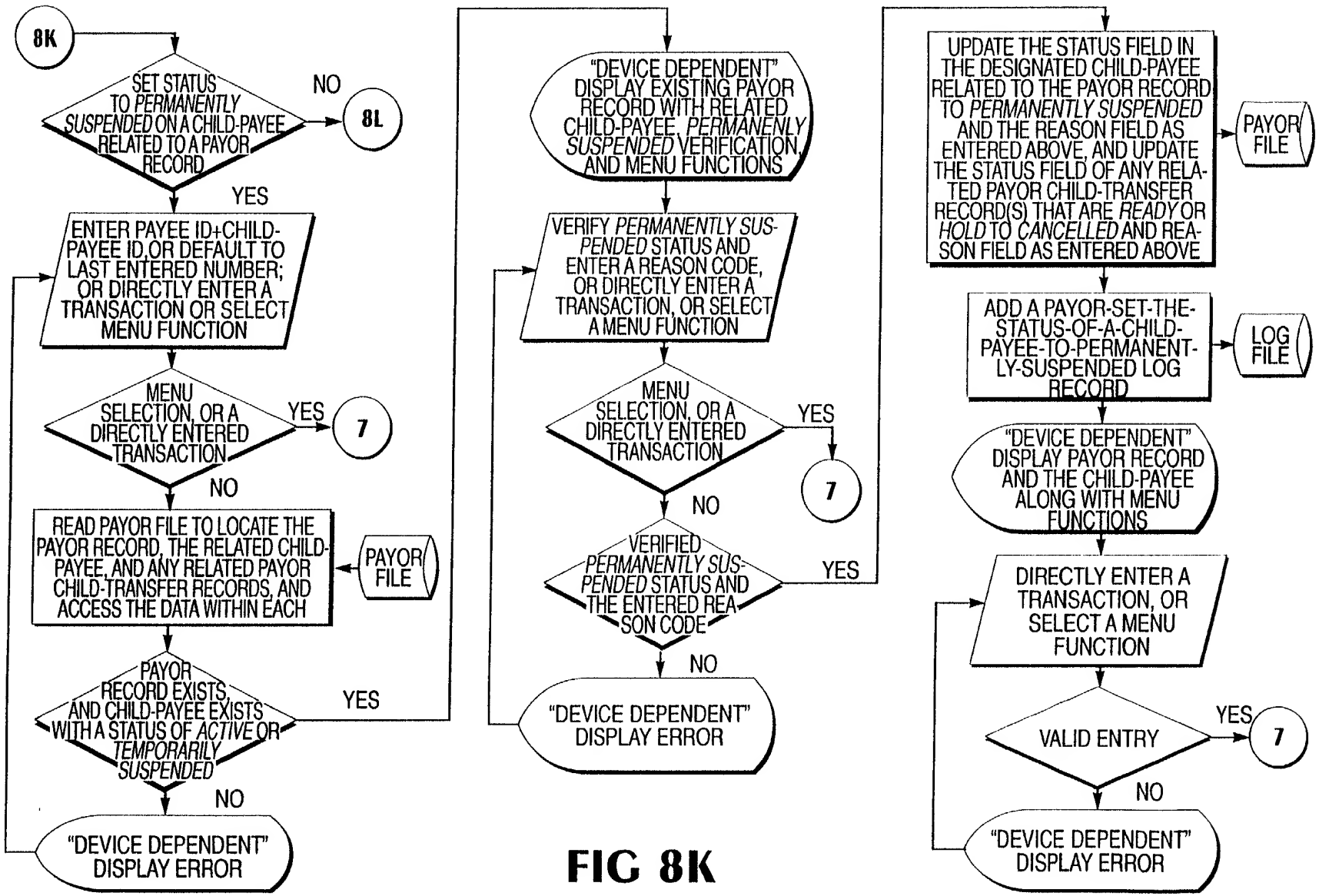

8K
SET STATUS TO PERMANENTLY SUSPENDED ON A CHILD-PAYEE RELATED TO A PAYOR RECORD
NO
8L
YES
ENTER PAYEE ID+CHILD-PAYEE ID,OR DEFAULT TO LAST ENTERED NUMBER; OR DIRECTLY ENTER A TRANSACTION OR SELECT MENU FUNCTION
MENU SELECTION, OR A DIRECTLY ENTERED TRANSACTION
YES
7
NO
READ PAYOR FILE TO LOCATE THE PAYOR RECORD, THE RELATED CHILD-PAYEE, AND ANY RELATED PAYOR CHILD-TRANSFER RECORDS, AND ACCESS THE DATA WITHIN EACH
PAYOR FILE
PAYOR RECORD EXISTS, AND CHILD-PAYEE EXISTS WITH A STATUS OF ACTIVE OR TEMPORARILY SUSPENDED
YES
NO
"DEVICE DEPENDENT" DISPLAY ERROR
"DEVICE DEPENDENT" DISPLAY EXISTING PAYOR RECORD WITH RELATED CHILD-PAYEE, PERMANENLY SUSPENDED VERIFICATION, AND MENU FUNCTIONS
VERIFY PERMANENTLY SUSPENDED STATUS AND ENTER A REASON CODE, OR DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
MENU SELECTION, OR A DIRECTLY ENTERED TRANSACTION
YES
7
NO
VERIFIED PERMANENTLY SUSPENDED STATUS AND THE ENTERED REASON CODE
YES
NO
"DEVICE DEPENDENT" DISPLAY ERROR
UPDATE THE STATUS FIELD IN THE DESIGNATED CHILD-PAYEE RELATED TO THE PAYOR RECORD TO PERMANENTLY SUSPENDED AND THE REASON FIELD AS ENTERED ABOVE, AND UPDATE THE STATUS FIELD OF ANY RELATED PAYOR CHILD-TRANSFER RECORD(S) THAT ARE READY OR HOLD TO CANCELLED AND REASON FIELD AS ENTERED ABOVE
PAYOR FILE
ADD A PAYOR-SET-THE-STATUS-OF-A-CHILD-PAYEE-TO-PERMANENTLY-SUSPENDED LOG RECORD
LOG FILE
"DEVICE DEPENDENT" DISPLAY PAYOR RECORD AND THE CHILD-PAYEE ALONG WITH MENU FUNCTIONS
DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
VALID ENTRY
YES
7
NO
"DEVICE DEPENDENT" DISPLAY ERROR

FIG 8K

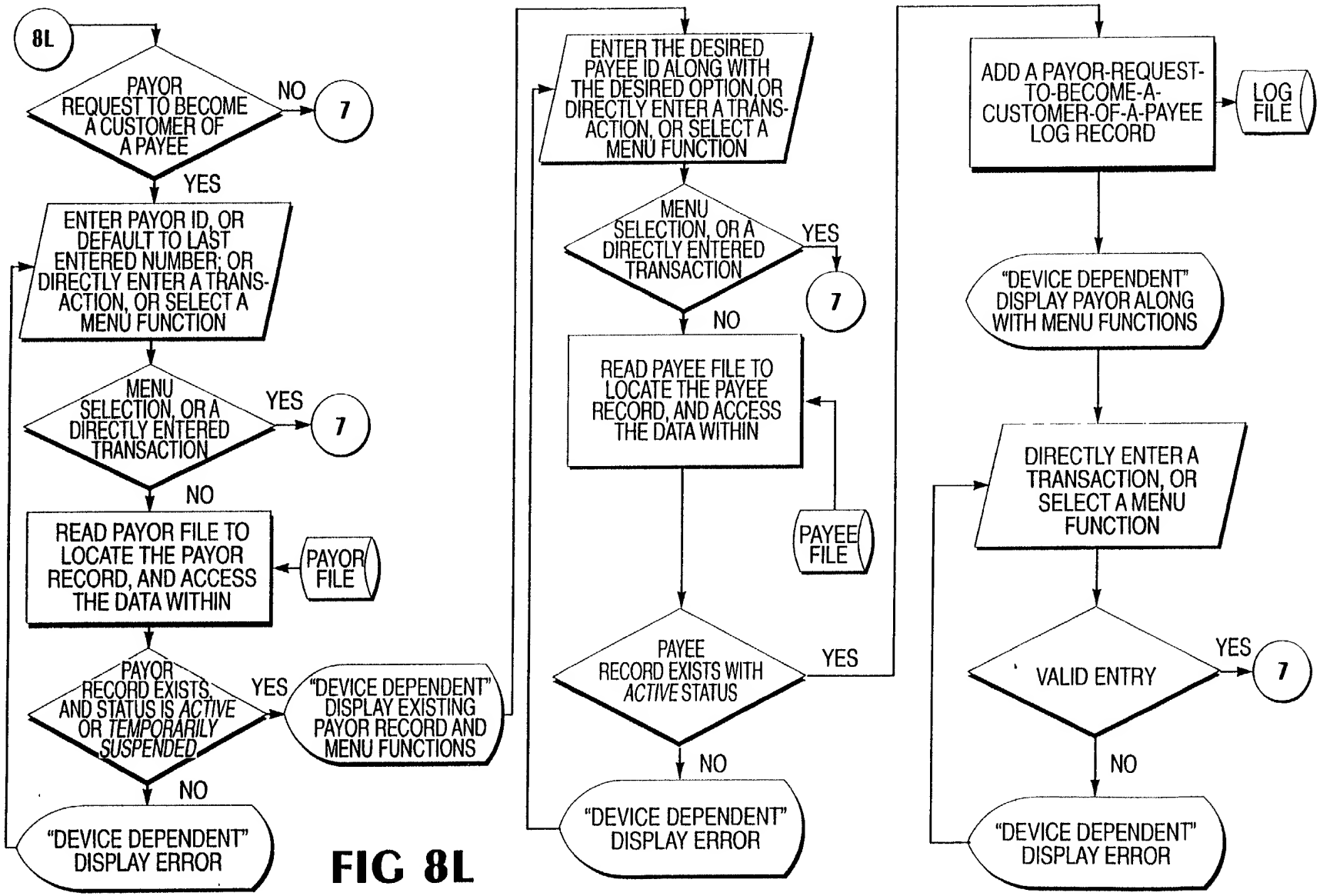

8L
PAYOR REQUEST TO BECOME A CUSTOMER OF A PAYEE
NO
7
YES
ENTER PAYOR ID, OR DEFAULT TO LAST ENTERED NUMBER; OR DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
MENU SELECTION, OR A DIRECTLY ENTERED TRANSACTION
YES
7
NO
READ PAYOR FILE TO LOCATE THE PAYOR RECORD, AND ACCESS THE DATA WITHIN
PAYOR FILE
PAYOR RECORD EXISTS, AND STATUS IS ACTIVE OR TEMPORARILY SUSPENDED
YES
"DEVICE DEPENDENT" DISPLAY EXISTING PAYOR RECORD AND MENU FUNCTIONS
NO
"DEVICE DEPENDENT" DISPLAY ERROR
ENTER THE DESIRED PAYEE ID ALONG WITH THE DESIRED OPTION, OR DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
MENU SELECTION, OR A DIRECTLY ENTERED TRANSACTION
YES
7
NO
READ PAYEE FILE TO LOCATE THE PAYEE RECORD, AND ACCESS THE DATA WITHIN
PAYEE FILE
PAYEE RECORD EXISTS WITH ACTIVE STATUS
YES
NO
"DEVICE DEPENDENT" DISPLAY ERROR
ADD A PAYOR-REQUEST-TO-BECOME-A-CUSTOMER-OF-A-PAYEE LOG RECORD
LOG FILE
"DEVICE DEPENDENT" DISPLAY PAYOR ALONG WITH MENU FUNCTIONS
DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
VALID ENTRY
YES
7
NO
"DEVICE DEPENDENT" DISPLAY ERROR

FIG 8L

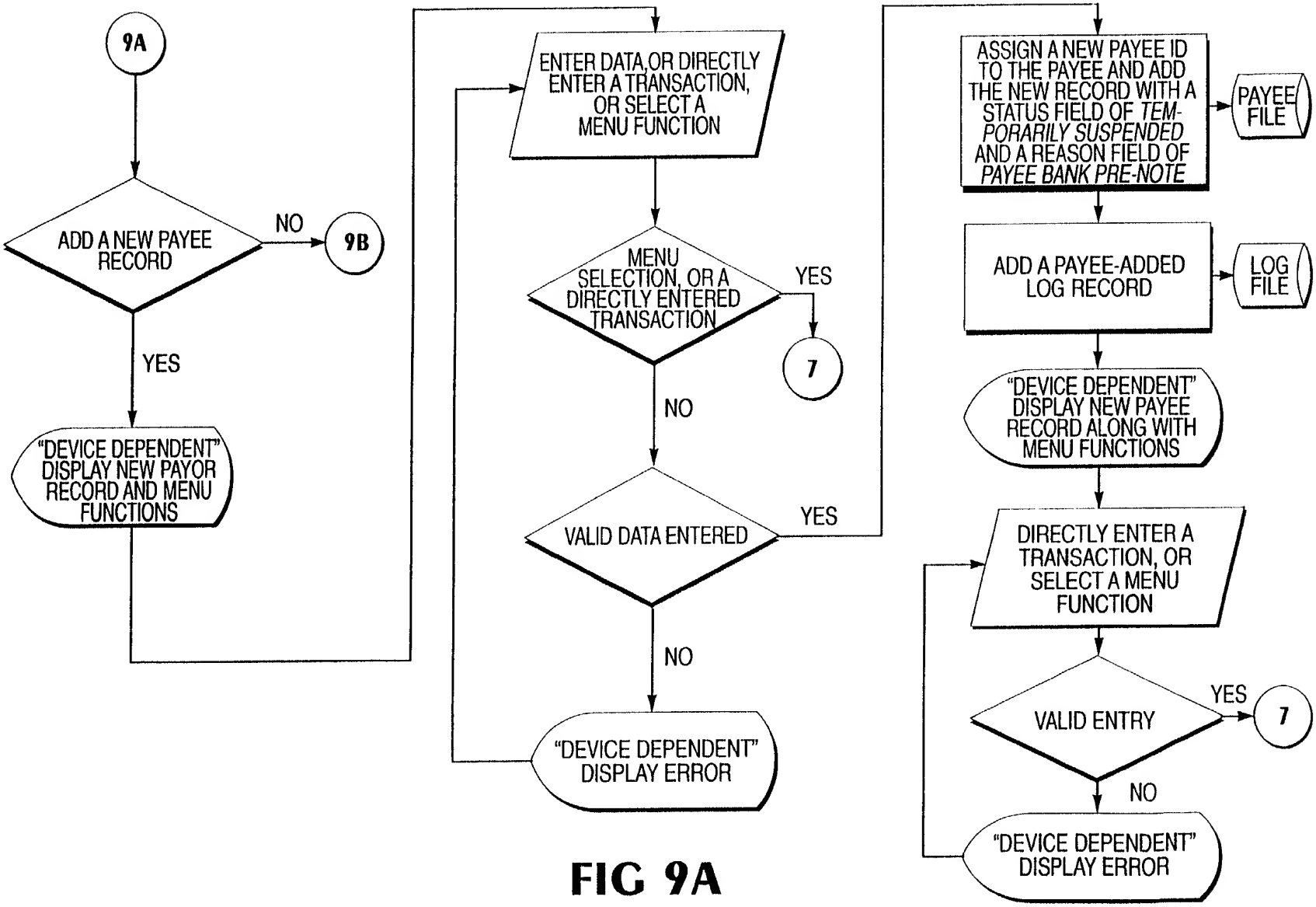

9A
ADD A NEW PAYEE RECORD
NO
9B
YES
"DEVICE DEPENDENT" DISPLAY NEW PAYOR RECORD AND MENU FUNCTIONS
ENTER DATA,OR DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
MENU SELECTION, OR A DIRECTLY ENTERED TRANSACTION
YES
7
NO
VALID DATA ENTERED
YES
NO
"DEVICE DEPENDENT" DISPLAY ERROR
ASSIGN A NEW PAYEE ID TO THE PAYEE AND ADD THE NEW RECORD WITH A STATUS FIELD OF TEMPORARILY SUSPENDED AND A REASON FIELD OF PAYEE BANK PRE-NOTE
PAYEE FILE
ADD A PAYEE-ADDED LOG RECORD
LOG FILE
"DEVICE DEPENDENT" DISPLAY NEW PAYEE RECORD ALONG WITH MENU FUNCTIONS
DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
VALID ENTRY
YES
7
NO
"DEVICE DEPENDENT" DISPLAY ERROR

FIG 9A

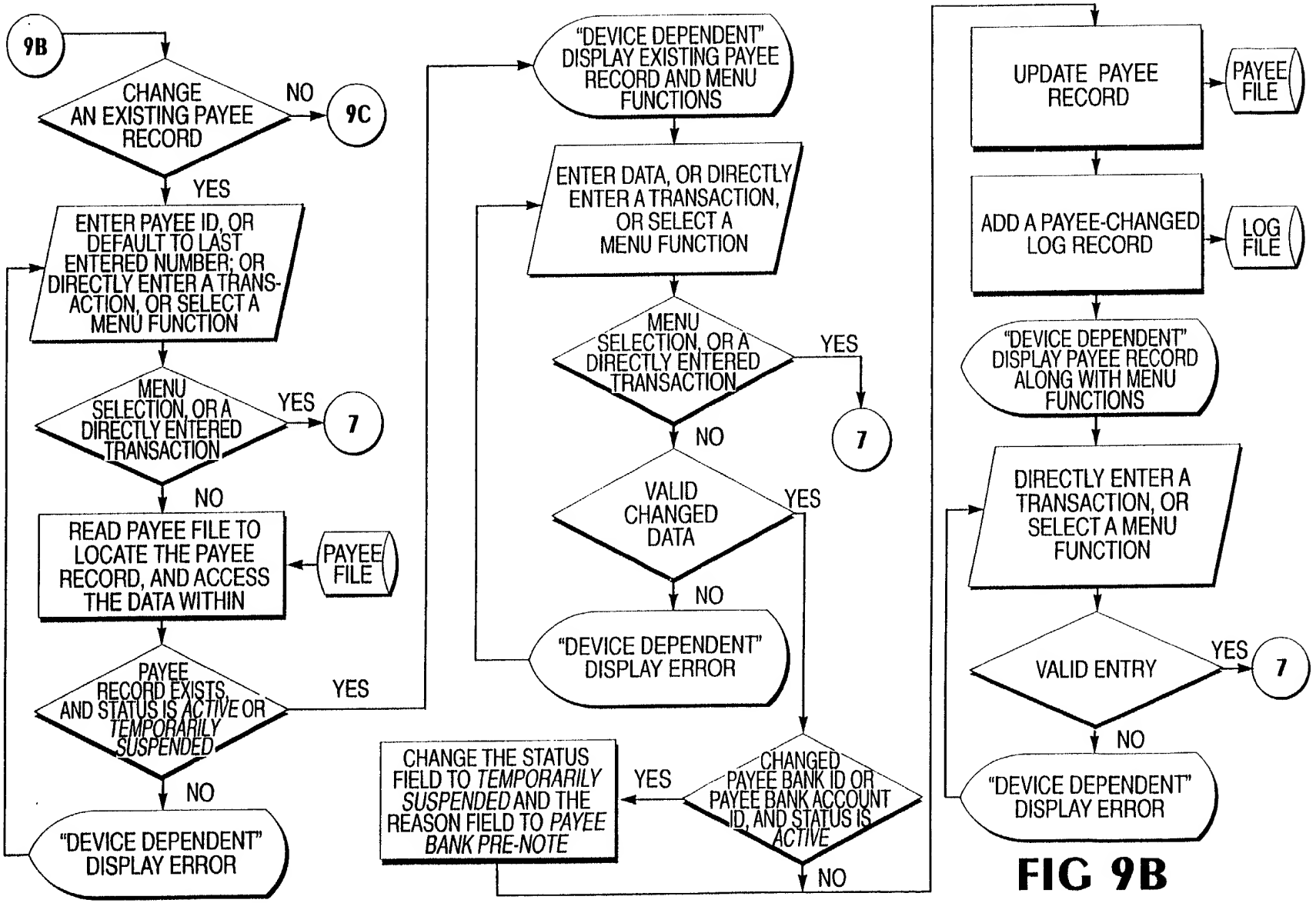

9B
CHANGE AN EXISTING PAYEE RECORD
NO
9C
YES
ENTER PAYEE ID, OR DEFAULT TO LAST ENTERED NUMBER; OR DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
MENU SELECTION, OR A DIRECTLY ENTERED TRANSACTION
YES
7
NO
READ PAYEE FILE TO LOCATE THE PAYEE RECORD, AND ACCESS THE DATA WITHIN
PAYEE FILE
PAYEE RECORD EXISTS AND STATUS IS ACTIVE OR TEMPORARILY SUSPENDED
YES
NO
"DEVICE DEPENDENT" DISPLAY ERROR
"DEVICE DEPENDENT" DISPLAY EXISTING PAYEE RECORD AND MENU FUNCTIONS
ENTER DATA, OR DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
MENU SELECTION, OR A DIRECTLY ENTERED TRANSACTION
YES
7
NO
VALID CHANGED DATA
YES
NO
"DEVICE DEPENDENT" DISPLAY ERROR
CHANGED PAYEE BANK ID OR PAYEE BANK ACCOUNT ID, AND STATUS IS ACTIVE
YES
CHANGE THE STATUS FIELD TO TEMPORARILY SUSPENDED AND THE REASON FIELD TO PAYEE BANK PRE-NOTE
NO
UPDATE PAYEE RECORD
PAYEE FILE
ADD A PAYEE-CHANGED LOG RECORD
LOG FILE
"DEVICE DEPENDENT" DISPLAY PAYEE RECORD ALONG WITH MENU FUNCTIONS
DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
VALID ENTRY
YES
7
NO
"DEVICE DEPENDENT" DISPLAY ERROR

FIG 9B

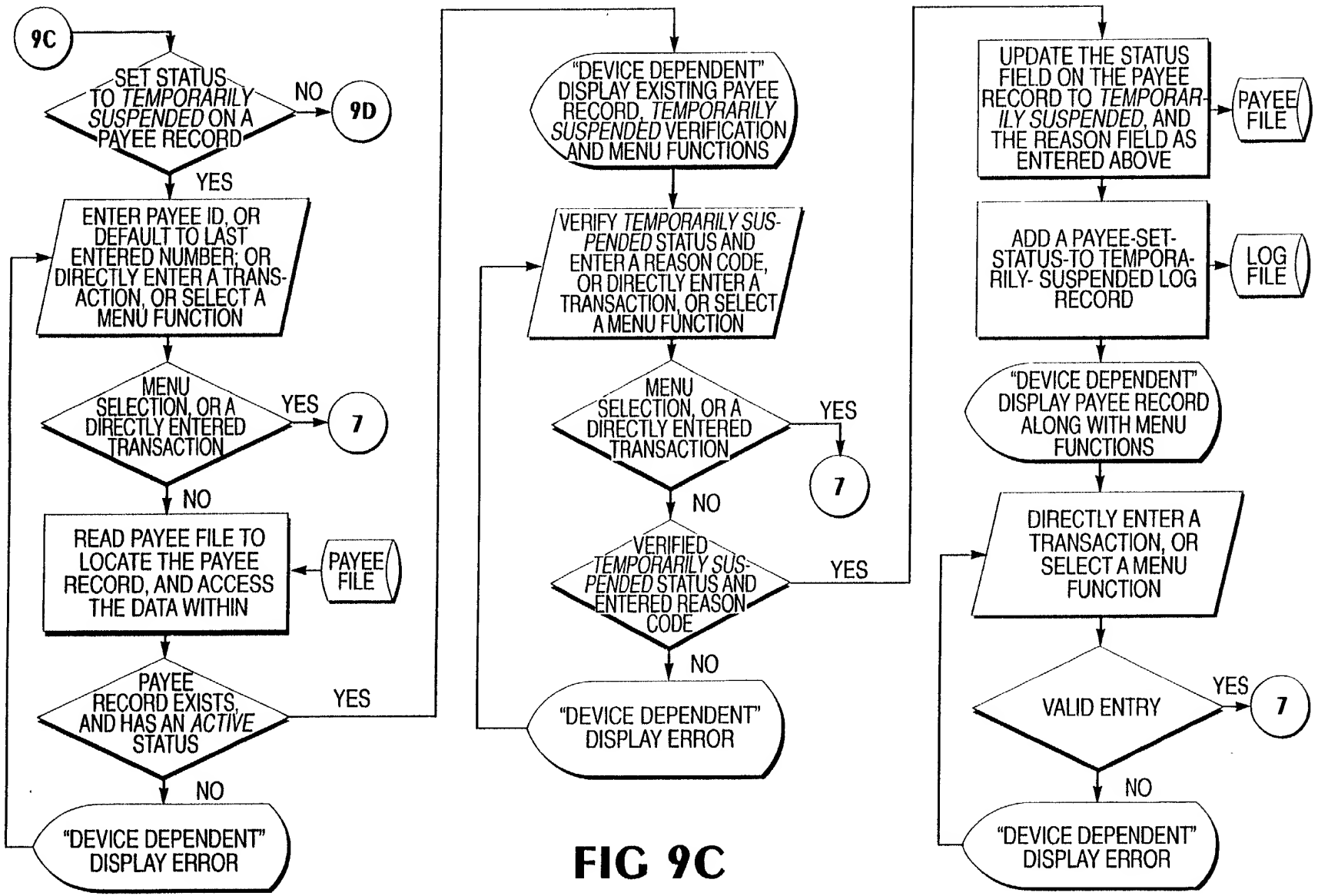

9C
SET STATUS TO *TEMPORARILY SUSPENDED* ON A PAYEE RECORD
NO
9D
YES
ENTER PAYEE ID, OR DEFAULT TO LAST ENTERED NUMBER; OR DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
MENU SELECTION, OR A DIRECTLY ENTERED TRANSACTION
YES
7
NO
READ PAYEE FILE TO LOCATE THE PAYEE RECORD, AND ACCESS THE DATA WITHIN
PAYEE FILE
PAYEE RECORD EXISTS, AND HAS AN *ACTIVE* STATUS
YES
NO
"DEVICE DEPENDENT" DISPLAY ERROR
"DEVICE DEPENDENT" DISPLAY EXISTING PAYEE RECORD, *TEMPORARILY SUSPENDED* VERIFICATION AND MENU FUNCTIONS
VERIFY *TEMPORARILY SUSPENDED* STATUS AND ENTER A REASON CODE, OR DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
MENU SELECTION, OR A DIRECTLY ENTERED TRANSACTION
YES
7
NO
VERIFIED *TEMPORARILY SUSPENDED* STATUS AND ENTERED REASON CODE
YES
NO
"DEVICE DEPENDENT" DISPLAY ERROR
UPDATE THE STATUS FIELD ON THE PAYEE RECORD TO *TEMPORARILY SUSPENDED*, AND THE REASON FIELD AS ENTERED ABOVE
PAYEE FILE
ADD A PAYEE-SET-STATUS-TO TEMPORARILY- SUSPENDED LOG RECORD
LOG FILE
"DEVICE DEPENDENT" DISPLAY PAYEE RECORD ALONG WITH MENU FUNCTIONS
DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
VALID ENTRY
YES
7
NO
"DEVICE DEPENDENT" DISPLAY ERROR

FIG 9C

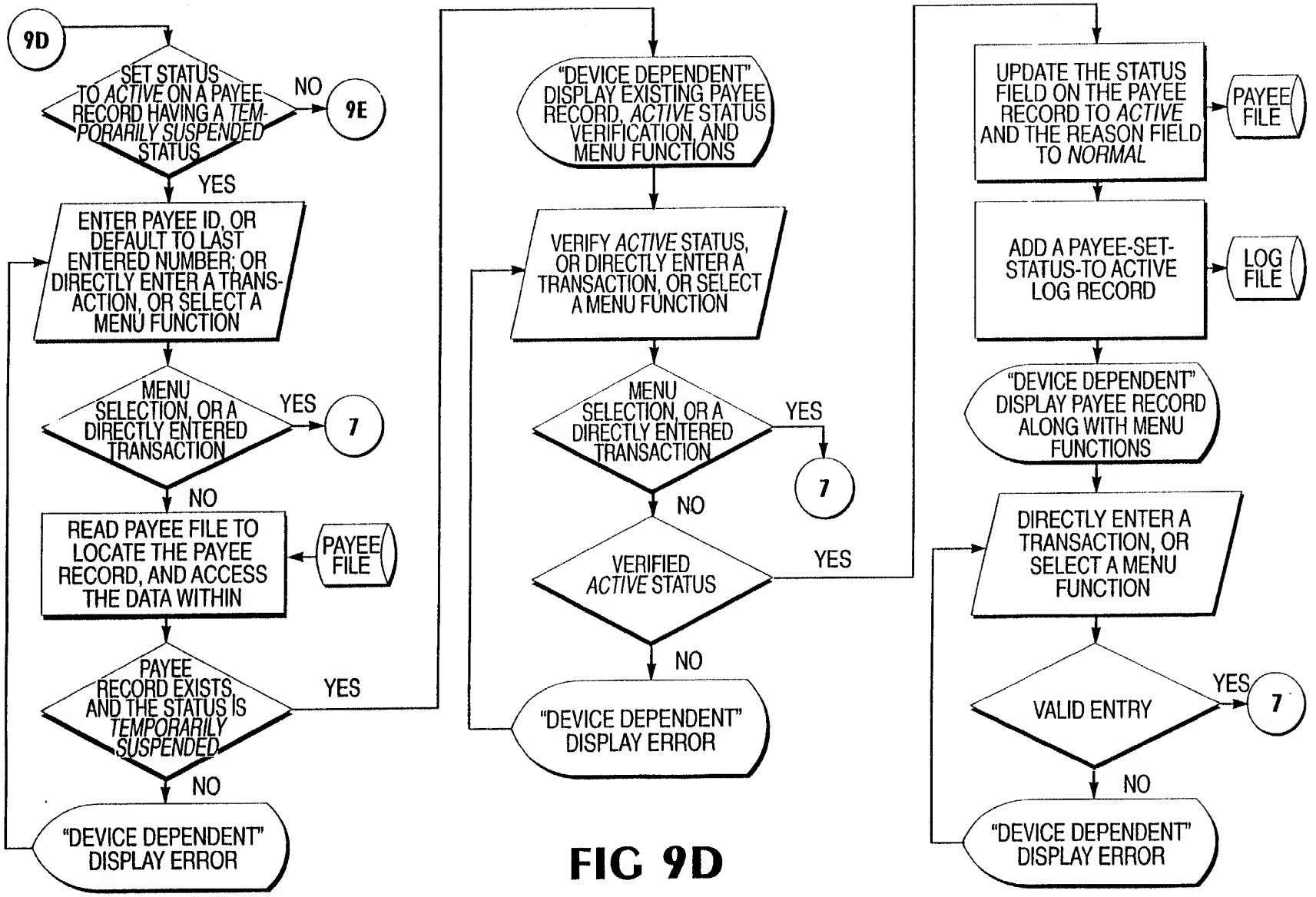

9D
SET STATUS TO *ACTIVE* ON A PAYEE RECORD HAVING A *TEMPORARILY SUSPENDED* STATUS
NO
9E
YES
ENTER PAYEE ID, OR DEFAULT TO LAST ENTERED NUMBER; OR DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
MENU SELECTION, OR A DIRECTLY ENTERED TRANSACTION
YES
7
NO
READ PAYEE FILE TO LOCATE THE PAYEE RECORD, AND ACCESS THE DATA WITHIN
PAYEE FILE
PAYEE RECORD EXISTS, AND THE STATUS IS *TEMPORARILY SUSPENDED*
YES
NO
"DEVICE DEPENDENT" DISPLAY ERROR
"DEVICE DEPENDENT" DISPLAY EXISTING PAYEE RECORD, *ACTIVE* STATUS VERIFICATION, AND MENU FUNCTIONS
VERIFY *ACTIVE* STATUS, OR DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
MENU SELECTION, OR A DIRECTLY ENTERED TRANSACTION
YES
7
NO
VERIFIED *ACTIVE* STATUS
YES
NO
"DEVICE DEPENDENT" DISPLAY ERROR
UPDATE THE STATUS FIELD ON THE PAYEE RECORD TO *ACTIVE* AND THE REASON FIELD TO *NORMAL*
PAYEE FILE
ADD A PAYEE-SET-STATUS-TO ACTIVE LOG RECORD
LOG FILE
"DEVICE DEPENDENT" DISPLAY PAYEE RECORD ALONG WITH MENU FUNCTIONS
DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
VALID ENTRY
YES
7
NO
"DEVICE DEPENDENT" DISPLAY ERROR

FIG 9D

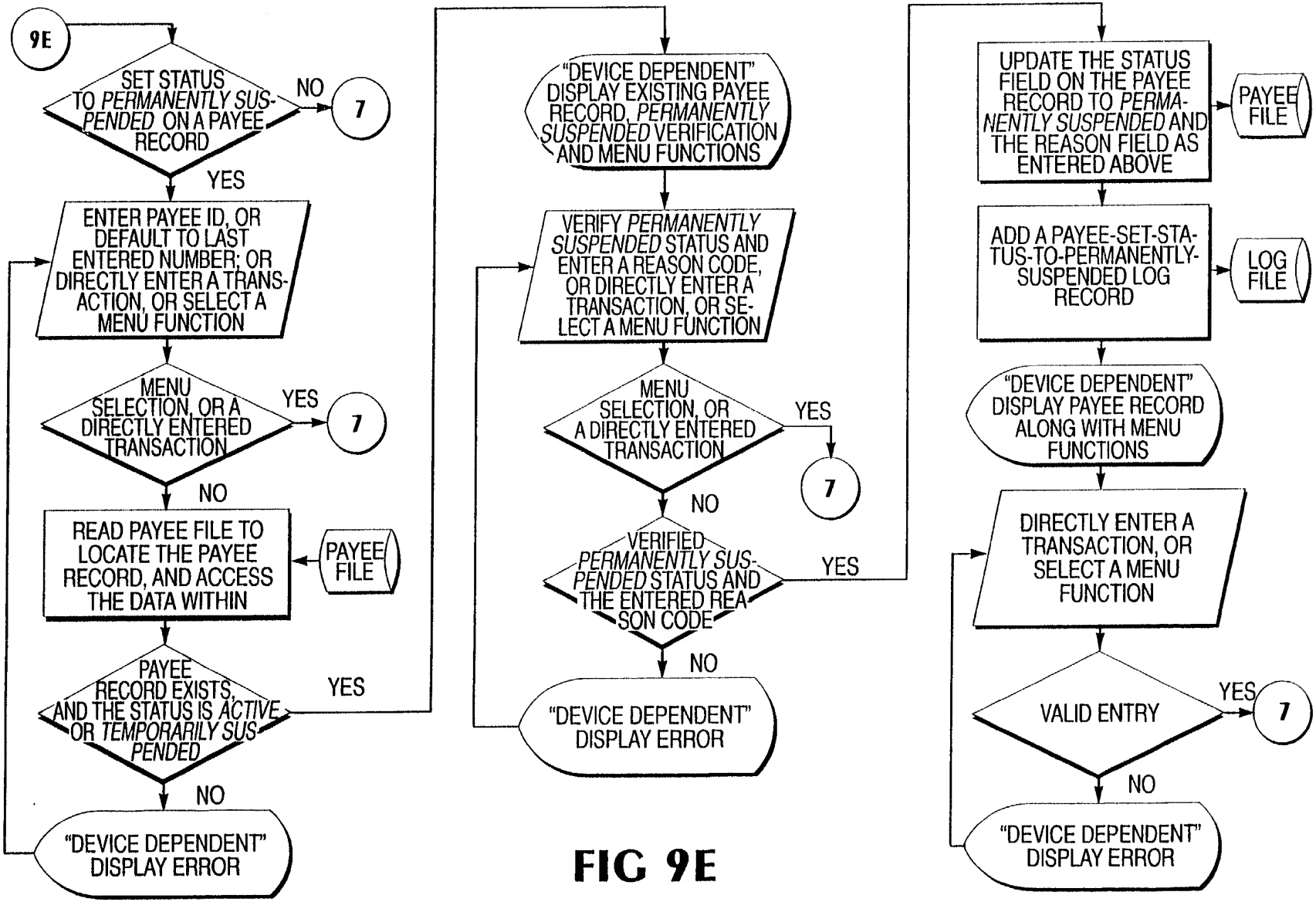

9E
SET STATUS TO *PERMANENTLY SUSPENDED* ON A PAYEE RECORD
NO
7
YES
ENTER PAYEE ID, OR DEFAULT TO LAST ENTERED NUMBER; OR DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
MENU SELECTION, OR A DIRECTLY ENTERED TRANSACTION
YES
7
NO
READ PAYEE FILE TO LOCATE THE PAYEE RECORD, AND ACCESS THE DATA WITHIN
PAYEE FILE
PAYEE RECORD EXISTS, AND THE STATUS IS *ACTIVE* OR *TEMPORARILY SUSPENDED*
YES
NO
"DEVICE DEPENDENT" DISPLAY ERROR
"DEVICE DEPENDENT" DISPLAY EXISTING PAYEE RECORD, *PERMANENTLY SUSPENDED* VERIFICATION AND MENU FUNCTIONS
VERIFY *PERMANENTLY SUSPENDED* STATUS AND ENTER A REASON CODE, OR DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
MENU SELECTION, OR A DIRECTLY ENTERED TRANSACTION
YES
7
NO
VERIFIED *PERMANENTLY SUSPENDED* STATUS AND THE ENTERED REASON CODE
YES
NO
"DEVICE DEPENDENT" DISPLAY ERROR
UPDATE THE STATUS FIELD ON THE PAYEE RECORD TO *PERMANENTLY SUSPENDED* AND THE REASON FIELD AS ENTERED ABOVE
PAYEE FILE
ADD A PAYEE-SET-STATUS-TO-PERMANENTLY-SUSPENDED LOG RECORD
LOG FILE
"DEVICE DEPENDENT" DISPLAY PAYEE RECORD ALONG WITH MENU FUNCTIONS
DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
VALID ENTRY
YES
7
NO
"DEVICE DEPENDENT" DISPLAY ERROR

FIG 9E

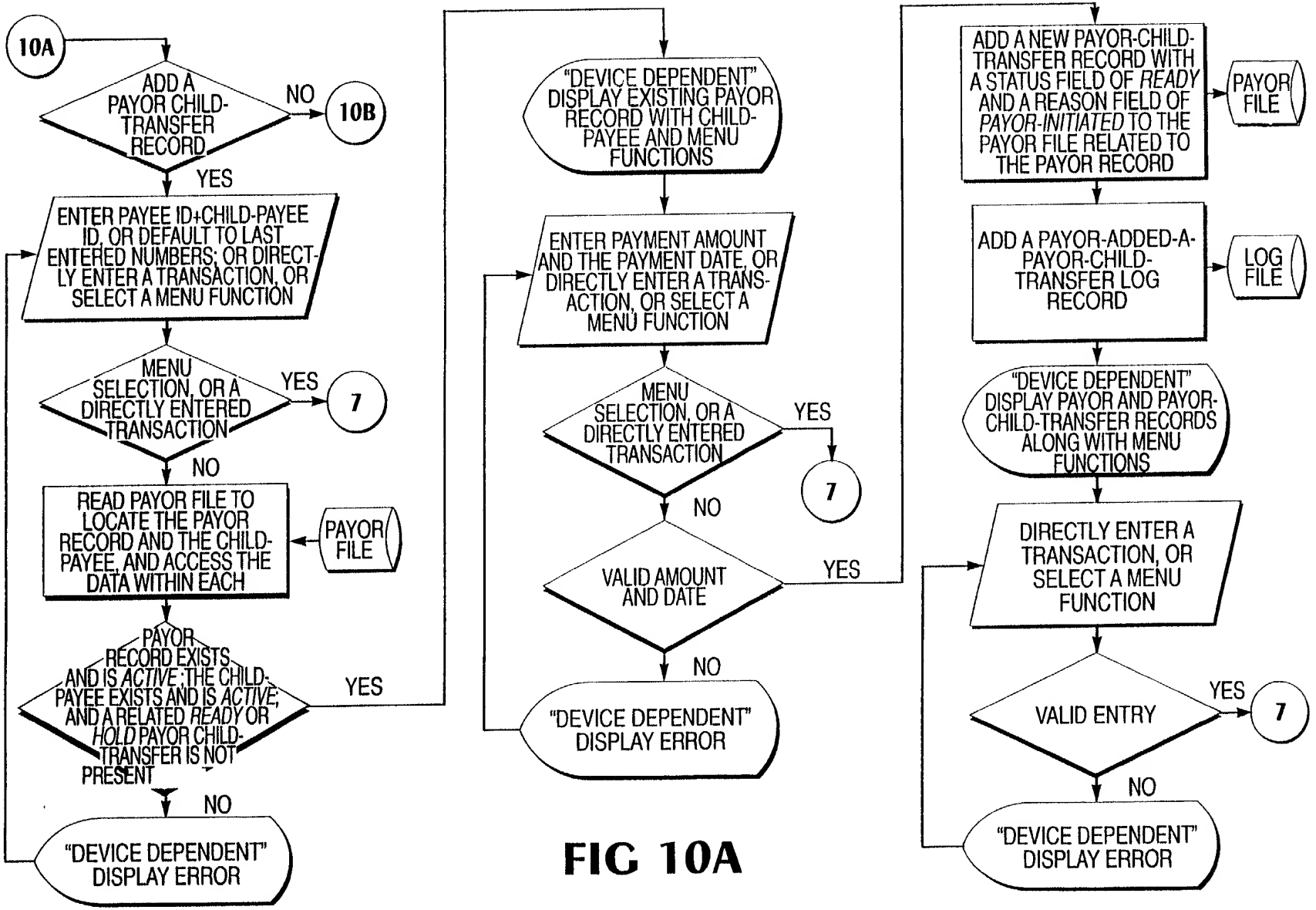

10A
ADD A PAYOR CHILD-TRANSFER RECORD
NO
10B
YES
ENTER PAYEE ID+CHILD-PAYEE ID, OR DEFAULT TO LAST ENTERED NUMBERS; OR DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
MENU SELECTION, OR A DIRECTLY ENTERED TRANSACTION
YES
7
NO
READ PAYOR FILE TO LOCATE THE PAYOR RECORD AND THE CHILD-PAYEE, AND ACCESS THE DATA WITHIN EACH
PAYOR FILE
PAYOR RECORD EXISTS AND IS *ACTIVE*; THE CHILD-PAYEE EXISTS AND IS *ACTIVE*; AND A RELATED *READY* OR *HOLD* PAYOR CHILD-TRANSFER IS NOT PRESENT
YES
NO
"DEVICE DEPENDENT" DISPLAY ERROR
"DEVICE DEPENDENT" DISPLAY EXISTING PAYOR RECORD WITH CHILD-PAYEE AND MENU FUNCTIONS
ENTER PAYMENT AMOUNT AND THE PAYMENT DATE, OR DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
MENU SELECTION, OR A DIRECTLY ENTERED TRANSACTION
YES
7
NO
VALID AMOUNT AND DATE
YES
NO
"DEVICE DEPENDENT" DISPLAY ERROR
ADD A NEW PAYOR-CHILD-TRANSFER RECORD WITH A STATUS FIELD OF *READY* AND A REASON FIELD OF *PAYOR-INITIATED* TO THE PAYOR FILE RELATED TO THE PAYOR RECORD
PAYOR FILE
ADD A PAYOR-ADDED-A-PAYOR-CHILD-TRANSFER LOG RECORD
LOG FILE
"DEVICE DEPENDENT" DISPLAY PAYOR AND PAYOR-CHILD-TRANSFER RECORDS ALONG WITH MENU FUNCTIONS
DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
VALID ENTRY
YES
7
NO
"DEVICE DEPENDENT" DISPLAY ERROR

FIG 10A

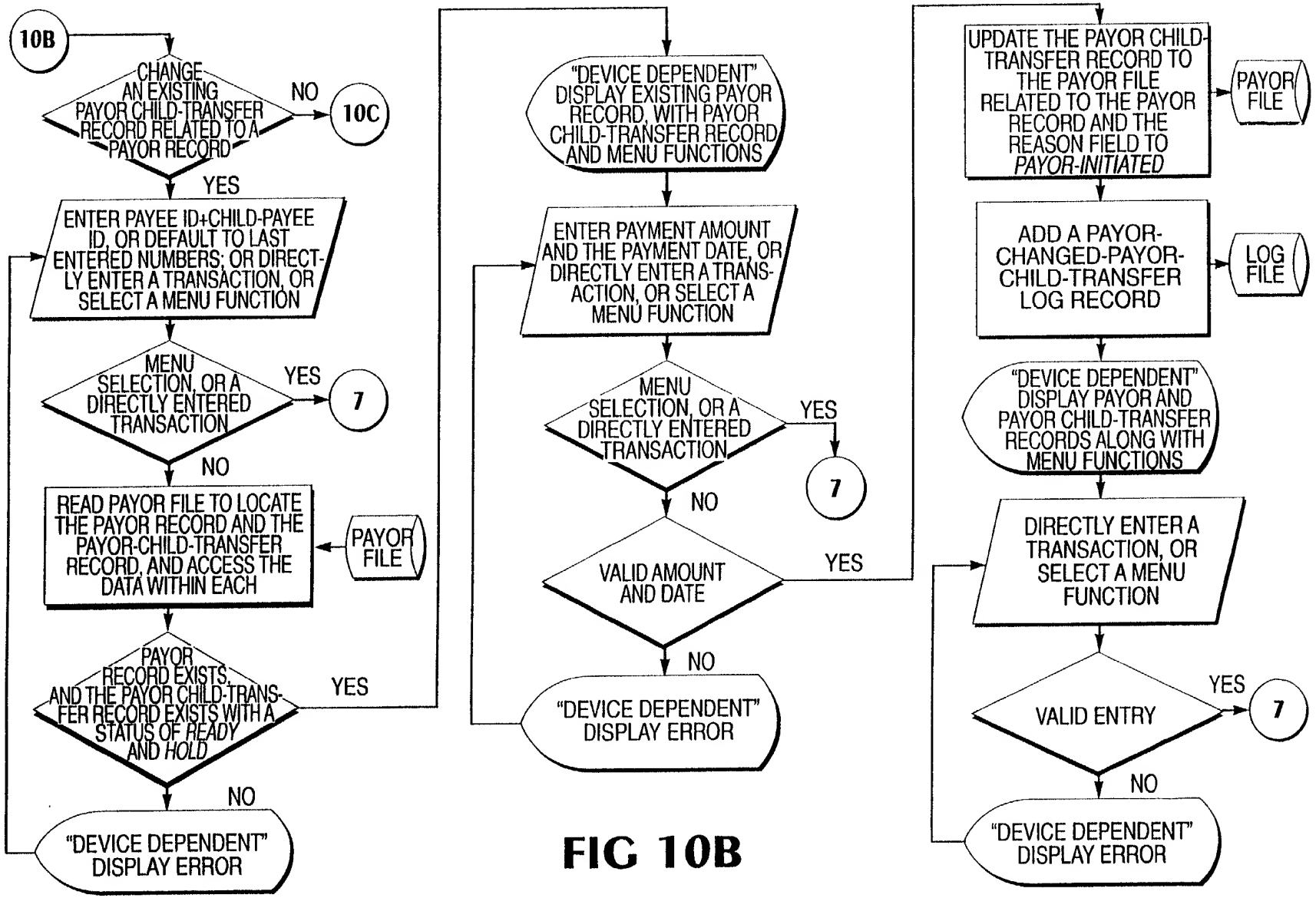

10B
CHANGE AN EXISTING PAYOR CHILD-TRANSFER RECORD RELATED TO A PAYOR RECORD
NO
10C
YES
ENTER PAYEE ID+CHILD-PAYEE ID, OR DEFAULT TO LAST ENTERED NUMBERS; OR DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
MENU SELECTION, OR A DIRECTLY ENTERED TRANSACTION
YES
7
NO
READ PAYOR FILE TO LOCATE THE PAYOR RECORD AND THE PAYOR-CHILD-TRANSFER RECORD, AND ACCESS THE DATA WITHIN EACH
PAYOR FILE
PAYOR RECORD EXISTS, AND THE PAYOR CHILD-TRANSFER RECORD EXISTS WITH A STATUS OF READY AND HOLD
YES
NO
"DEVICE DEPENDENT" DISPLAY ERROR
"DEVICE DEPENDENT" DISPLAY EXISTING PAYOR RECORD, WITH PAYOR CHILD-TRANSFER RECORD AND MENU FUNCTIONS
ENTER PAYMENT AMOUNT AND THE PAYMENT DATE, OR DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
MENU SELECTION, OR A DIRECTLY ENTERED TRANSACTION
YES
7
NO
VALID AMOUNT AND DATE
YES
NO
"DEVICE DEPENDENT" DISPLAY ERROR
UPDATE THE PAYOR CHILD-TRANSFER RECORD TO THE PAYOR FILE RELATED TO THE PAYOR RECORD AND THE REASON FIELD TO PAYOR-INITIATED
PAYOR FILE
ADD A PAYOR-CHANGED-PAYOR-CHILD-TRANSFER LOG RECORD
LOG FILE
"DEVICE DEPENDENT" DISPLAY PAYOR AND PAYOR CHILD-TRANSFER RECORDS ALONG WITH MENU FUNCTIONS
DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
VALID ENTRY
YES
7
NO
"DEVICE DEPENDENT" DISPLAY ERROR

FIG 10B

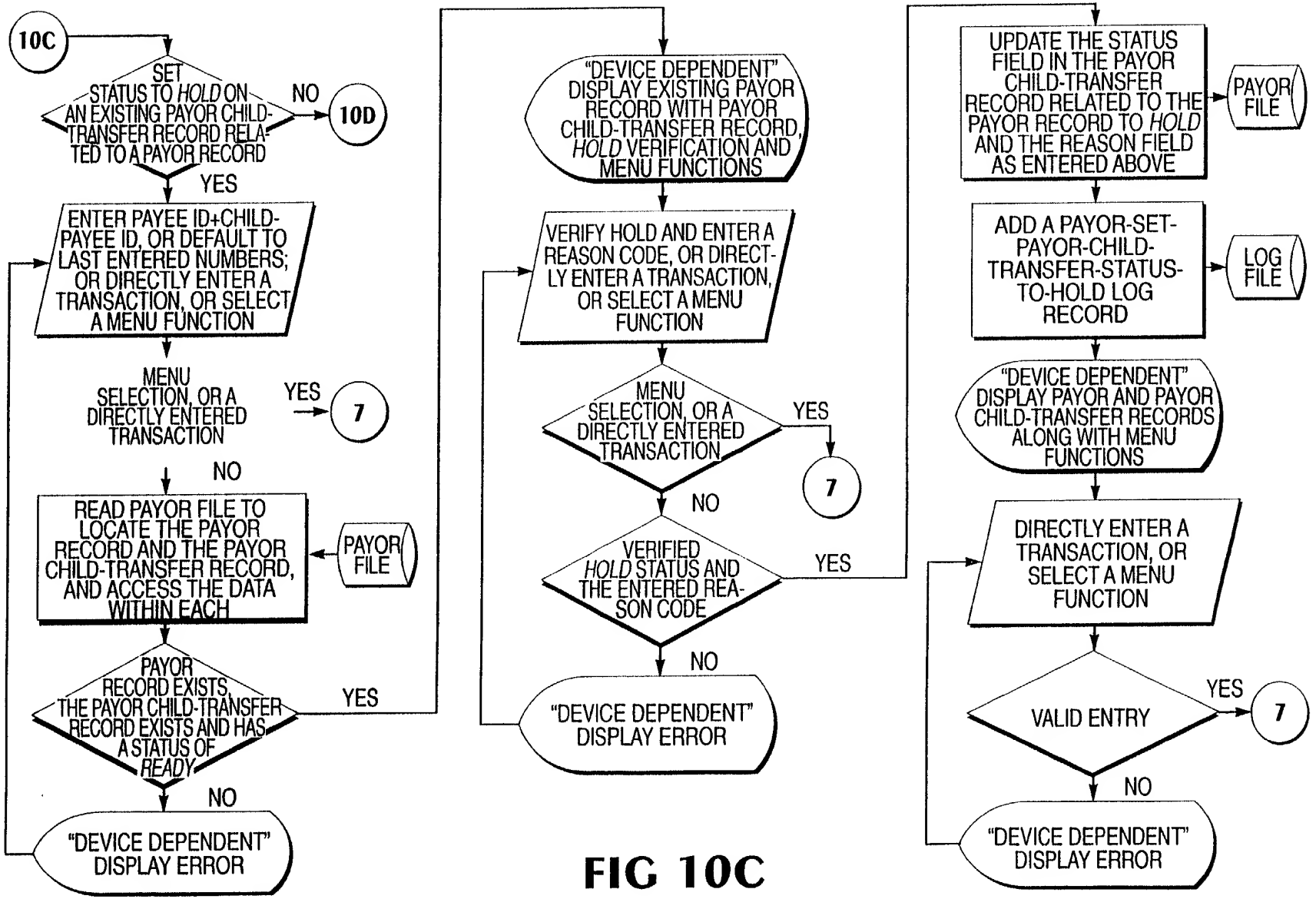

10C
SET STATUS TO *HOLD* ON AN EXISTING PAYOR CHILD-TRANSFER RECORD RELATED TO A PAYOR RECORD
NO
10D
YES
ENTER PAYEE ID+CHILD-PAYEE ID, OR DEFAULT TO LAST ENTERED NUMBERS; OR DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
MENU SELECTION, OR A DIRECTLY ENTERED TRANSACTION
YES
7
NO
READ PAYOR FILE TO LOCATE THE PAYOR RECORD AND THE PAYOR CHILD-TRANSFER RECORD, AND ACCESS THE DATA WITHIN EACH
PAYOR FILE
PAYOR RECORD EXISTS, THE PAYOR CHILD-TRANSFER RECORD EXISTS AND HAS A STATUS OF *READY*
YES
NO
"DEVICE DEPENDENT" DISPLAY ERROR
"DEVICE DEPENDENT" DISPLAY EXISTING PAYOR RECORD WITH PAYOR CHILD-TRANSFER RECORD, *HOLD* VERIFICATION AND MENU FUNCTIONS
VERIFY HOLD AND ENTER A REASON CODE, OR DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
MENU SELECTION, OR A DIRECTLY ENTERED TRANSACTION
YES
7
NO
VERIFIED *HOLD* STATUS AND THE ENTERED REASON CODE
YES
NO
"DEVICE DEPENDENT" DISPLAY ERROR
UPDATE THE STATUS FIELD IN THE PAYOR CHILD-TRANSFER RECORD RELATED TO THE PAYOR RECORD TO *HOLD* AND THE REASON FIELD AS ENTERED ABOVE
PAYOR FILE
ADD A PAYOR-SET-PAYOR-CHILD-TRANSFER-STATUS-TO-HOLD LOG RECORD
LOG FILE
"DEVICE DEPENDENT" DISPLAY PAYOR AND PAYOR CHILD-TRANSFER RECORDS ALONG WITH MENU FUNCTIONS
DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
VALID ENTRY
YES
7
NO
"DEVICE DEPENDENT" DISPLAY ERROR

FIG 10C

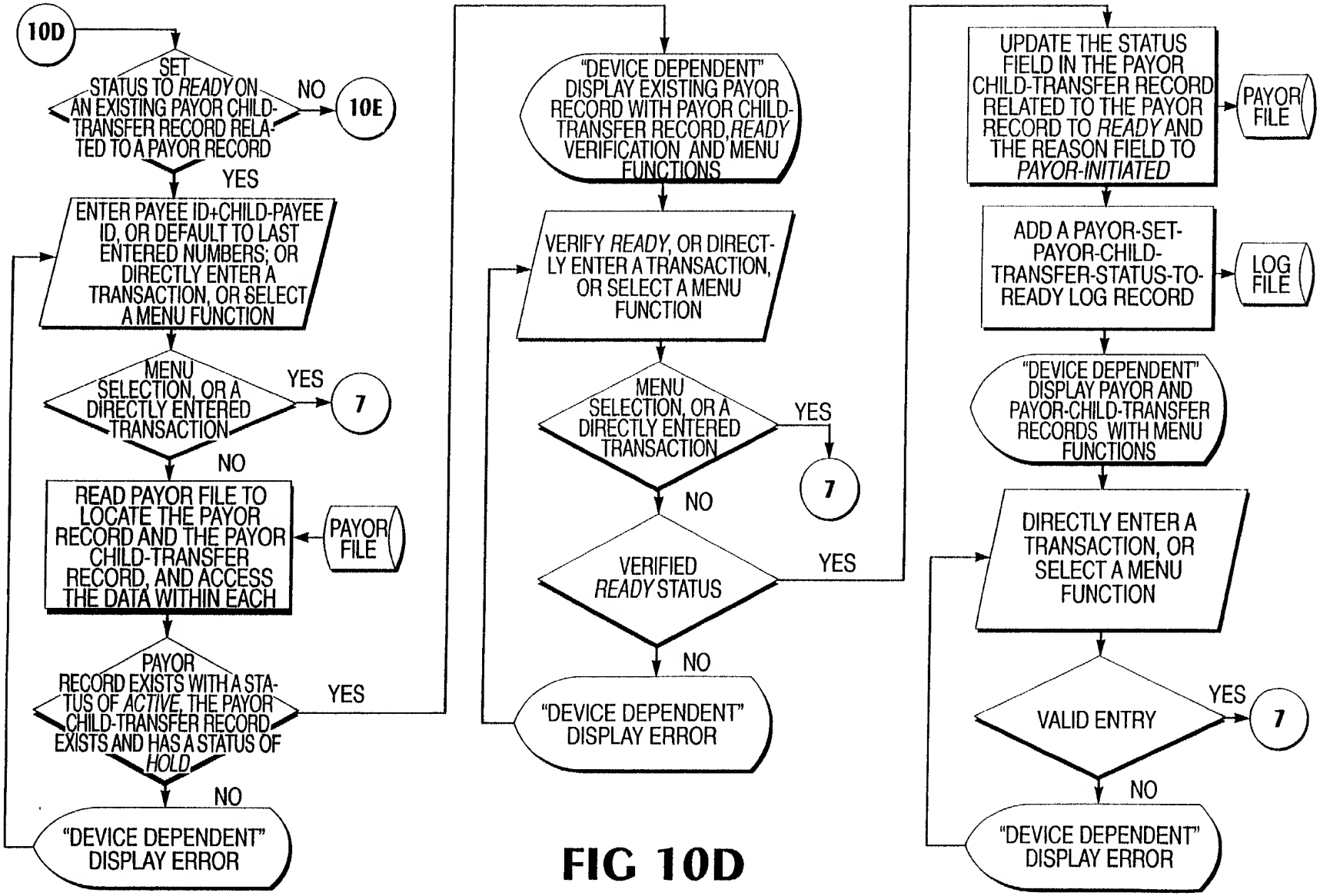

10D
SET STATUS TO *READY* ON AN EXISTING PAYOR CHILD-TRANSFER RECORD RELATED TO A PAYOR RECORD
NO
10E
YES
ENTER PAYEE ID+CHILD-PAYEE ID, OR DEFAULT TO LAST ENTERED NUMBERS; OR DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
MENU SELECTION, OR A DIRECTLY ENTERED TRANSACTION
YES
7
NO
READ PAYOR FILE TO LOCATE THE PAYOR RECORD AND THE PAYOR CHILD-TRANSFER RECORD, AND ACCESS THE DATA WITHIN EACH
PAYOR FILE
PAYOR RECORD EXISTS WITH A STATUS OF *ACTIVE*, THE PAYOR CHILD-TRANSFER RECORD EXISTS AND HAS A STATUS OF *HOLD*
YES
NO
"DEVICE DEPENDENT" DISPLAY ERROR
"DEVICE DEPENDENT" DISPLAY EXISTING PAYOR RECORD WITH PAYOR CHILD-TRANSFER RECORD, *READY* VERIFICATION AND MENU FUNCTIONS
VERIFY *READY*, OR DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
MENU SELECTION, OR A DIRECTLY ENTERED TRANSACTION
YES
7
NO
VERIFIED *READY* STATUS
YES
NO
"DEVICE DEPENDENT" DISPLAY ERROR
UPDATE THE STATUS FIELD IN THE PAYOR CHILD-TRANSFER RECORD RELATED TO THE PAYOR RECORD TO *READY* AND THE REASON FIELD TO *PAYOR-INITIATED*
PAYOR FILE
ADD A PAYOR-SET-PAYOR-CHILD-TRANSFER-STATUS-TO-READY LOG RECORD
LOG FILE
"DEVICE DEPENDENT" DISPLAY PAYOR AND PAYOR-CHILD-TRANSFER RECORDS WITH MENU FUNCTIONS
DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
VALID ENTRY
YES
7
NO
"DEVICE DEPENDENT" DISPLAY ERROR

FIG 10D

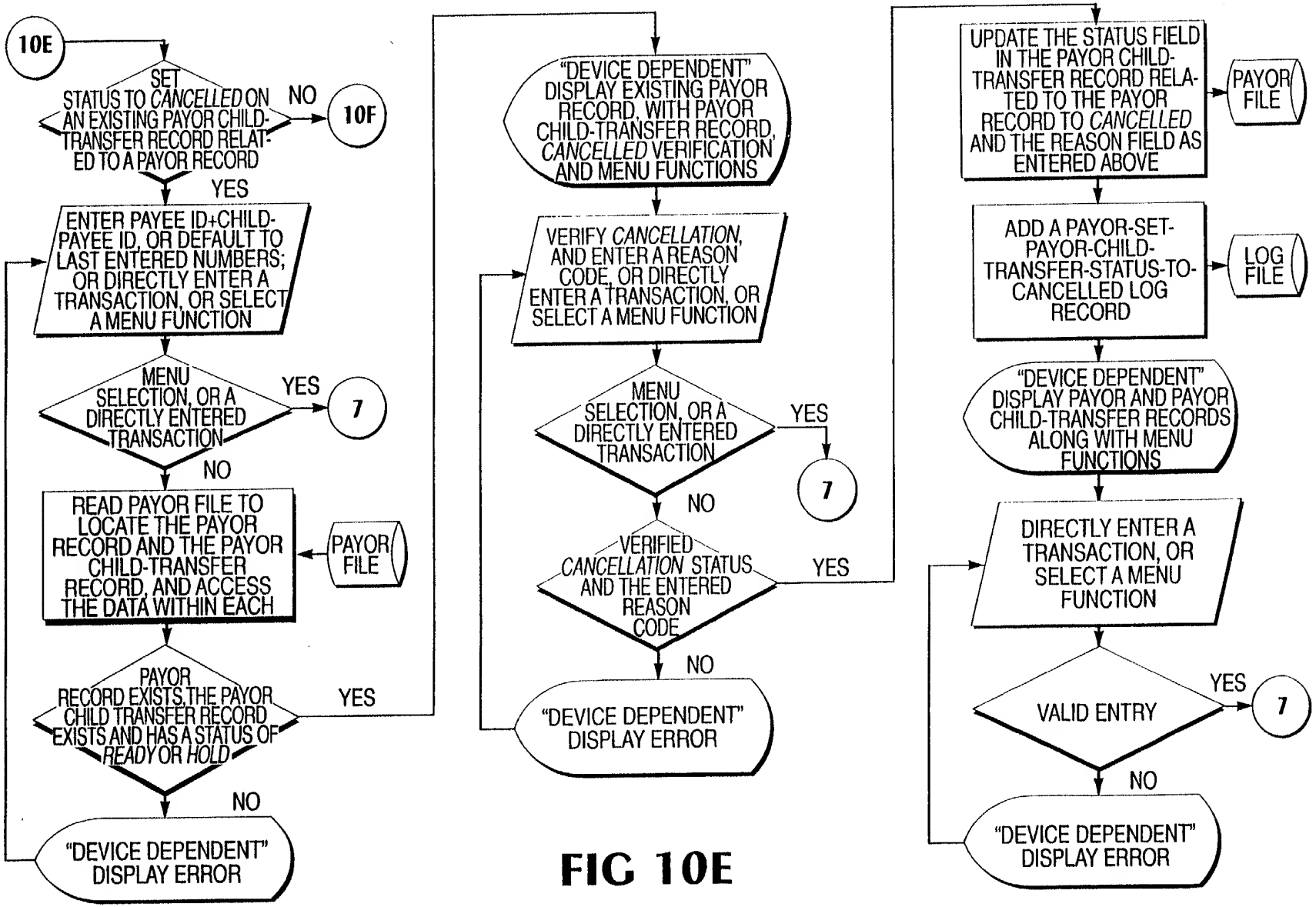

10E
SET STATUS TO CANCELLED ON AN EXISTING PAYOR CHILD-TRANSFER RECORD RELATED TO A PAYOR RECORD
NO
10F
YES
ENTER PAYEE ID+CHILD-PAYEE ID, OR DEFAULT TO LAST ENTERED NUMBERS; OR DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
MENU SELECTION, OR A DIRECTLY ENTERED TRANSACTION
YES
7
NO
READ PAYOR FILE TO LOCATE THE PAYOR RECORD AND THE PAYOR CHILD-TRANSFER RECORD, AND ACCESS THE DATA WITHIN EACH
PAYOR FILE
PAYOR RECORD EXISTS, THE PAYOR CHILD TRANSFER RECORD EXISTS AND HAS A STATUS OF READY OR HOLD
YES
NO
"DEVICE DEPENDENT" DISPLAY ERROR
"DEVICE DEPENDENT" DISPLAY EXISTING PAYOR RECORD, WITH PAYOR CHILD-TRANSFER RECORD, CANCELLED VERIFICATION AND MENU FUNCTIONS
VERIFY CANCELLATION, AND ENTER A REASON CODE, OR DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
MENU SELECTION, OR A DIRECTLY ENTERED TRANSACTION
YES
7
NO
VERIFIED CANCELLATION STATUS AND THE ENTERED REASON CODE
YES
NO
"DEVICE DEPENDENT" DISPLAY ERROR
UPDATE THE STATUS FIELD IN THE PAYOR CHILD-TRANSFER RECORD RELATED TO THE PAYOR RECORD TO CANCELLED AND THE REASON FIELD AS ENTERED ABOVE
PAYOR FILE
ADD A PAYOR-SET-PAYOR-CHILD-TRANSFER-STATUS-TO-CANCELLED LOG RECORD
LOG FILE
"DEVICE DEPENDENT" DISPLAY PAYOR AND PAYOR CHILD-TRANSFER RECORDS ALONG WITH MENU FUNCTIONS
DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
VALID ENTRY
YES
7
NO
"DEVICE DEPENDENT" DISPLAY ERROR

FIG 10E

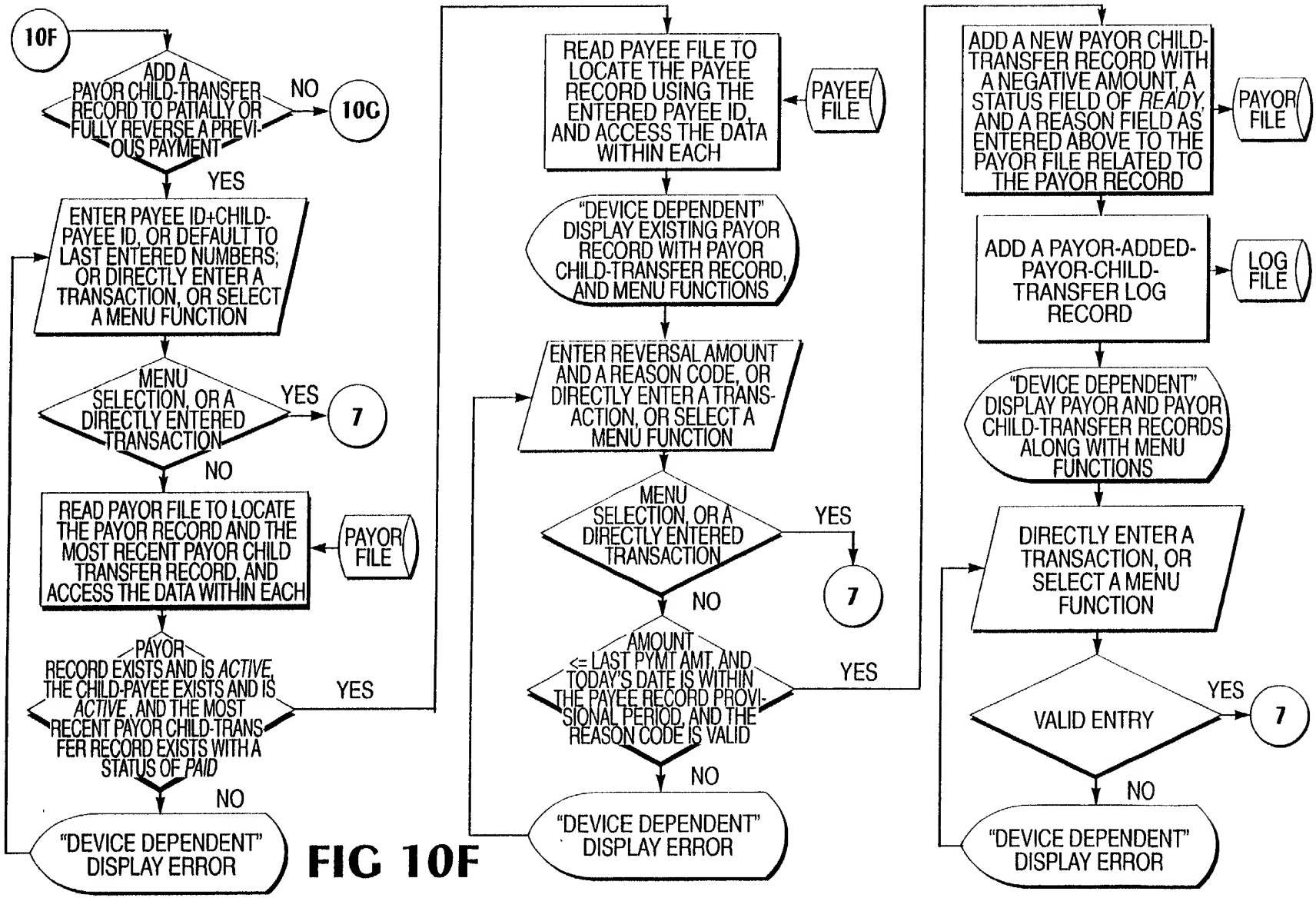

10F
ADD A PAYOR CHILD-TRANSFER RECORD TO PATIALLY OR FULLY REVERSE A PREVIOUS PAYMENT
NO
10C
YES
ENTER PAYEE ID+CHILD-PAYEE ID, OR DEFAULT TO LAST ENTERED NUMBERS; OR DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
MENU SELECTION, OR A DIRECTLY ENTERED TRANSACTION
YES
7
NO
READ PAYOR FILE TO LOCATE THE PAYOR RECORD AND THE MOST RECENT PAYOR CHILD TRANSFER RECORD, AND ACCESS THE DATA WITHIN EACH
PAYOR FILE
PAYOR RECORD EXISTS AND IS *ACTIVE*, THE CHILD-PAYEE EXISTS AND IS *ACTIVE*, AND THE MOST RECENT PAYOR CHILD-TRANSFER RECORD EXISTS WITH A STATUS OF *PAID*
YES
NO
"DEVICE DEPENDENT" DISPLAY ERROR
READ PAYEE FILE TO LOCATE THE PAYEE RECORD USING THE ENTERED PAYEE ID, AND ACCESS THE DATA WITHIN EACH
PAYEE FILE
"DEVICE DEPENDENT" DISPLAY EXISTING PAYOR RECORD WITH PAYOR CHILD-TRANSFER RECORD, AND MENU FUNCTIONS
ENTER REVERSAL AMOUNT AND A REASON CODE, OR DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
MENU SELECTION, OR A DIRECTLY ENTERED TRANSACTION
YES
7
NO
AMOUNT <= LAST PYMT AMT, AND TODAY'S DATE IS WITHIN THE PAYEE RECORD PROVISIONAL PERIOD, AND THE REASON CODE IS VALID
YES
NO
"DEVICE DEPENDENT" DISPLAY ERROR
ADD A NEW PAYOR CHILD-TRANSFER RECORD WITH A NEGATIVE AMOUNT, A STATUS FIELD OF *READY*, AND A REASON FIELD AS ENTERED ABOVE TO THE PAYOR FILE RELATED TO THE PAYOR RECORD
PAYOR FILE
ADD A PAYOR-ADDED-PAYOR-CHILD-TRANSFER LOG RECORD
LOG FILE
"DEVICE DEPENDENT" DISPLAY PAYOR AND PAYOR CHILD-TRANSFER RECORDS ALONG WITH MENU FUNCTIONS
DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
VALID ENTRY
YES
7
NO
"DEVICE DEPENDENT" DISPLAY ERROR

FIG 10F

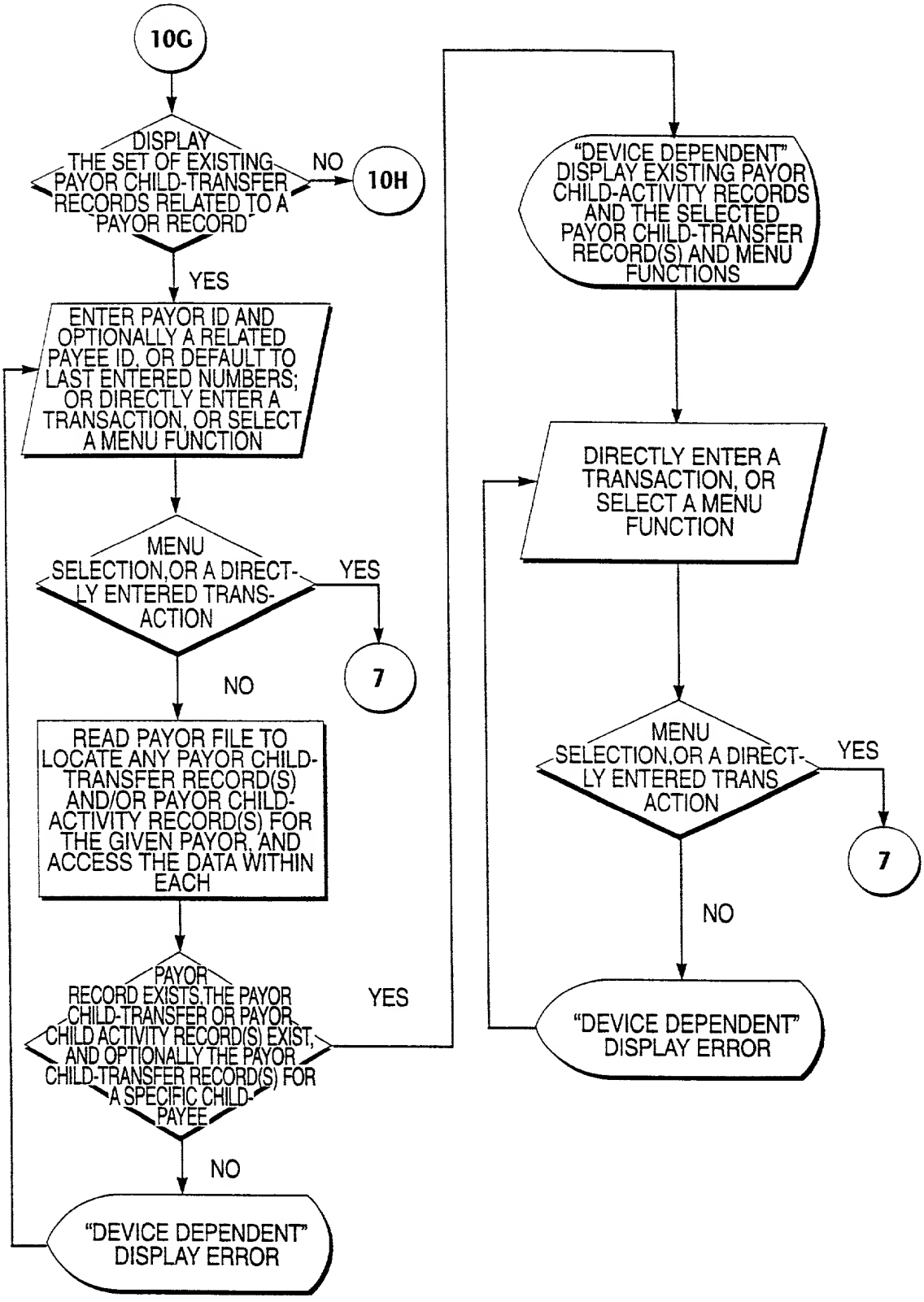

10G
DISPLAY THE SET OF EXISTING PAYOR CHILD-TRANSFER RECORDS RELATED TO A PAYOR RECORD
NO
10H
YES
ENTER PAYOR ID AND OPTIONALLY A RELATED PAYEE ID, OR DEFAULT TO LAST ENTERED NUMBERS; OR DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
MENU SELECTION,OR A DIRECTLY ENTERED TRANSACTION
YES
7
NO
READ PAYOR FILE TO LOCATE ANY PAYOR CHILD-TRANSFER RECORD(S) AND/OR PAYOR CHILD-ACTIVITY RECORD(S) FOR THE GIVEN PAYOR, AND ACCESS THE DATA WITHIN EACH
PAYOR RECORD EXISTS,THE PAYOR CHILD-TRANSFER OR PAYOR CHILD ACTIVITY RECORD(S) EXIST, AND OPTIONALLY THE PAYOR CHILD-TRANSFER RECORD(S) FOR A SPECIFIC CHILD-PAYEE
YES
NO
"DEVICE DEPENDENT" DISPLAY ERROR
"DEVICE DEPENDENT" DISPLAY EXISTING PAYOR CHILD-ACTIVITY RECORDS AND THE SELECTED PAYOR CHILD-TRANSFER RECORD(S) AND MENU FUNCTIONS
DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
MENU SELECTION,OR A DIRECTLY ENTERED TRANSACTION
YES
7
NO
"DEVICE DEPENDENT" DISPLAY ERROR

FIG 10G

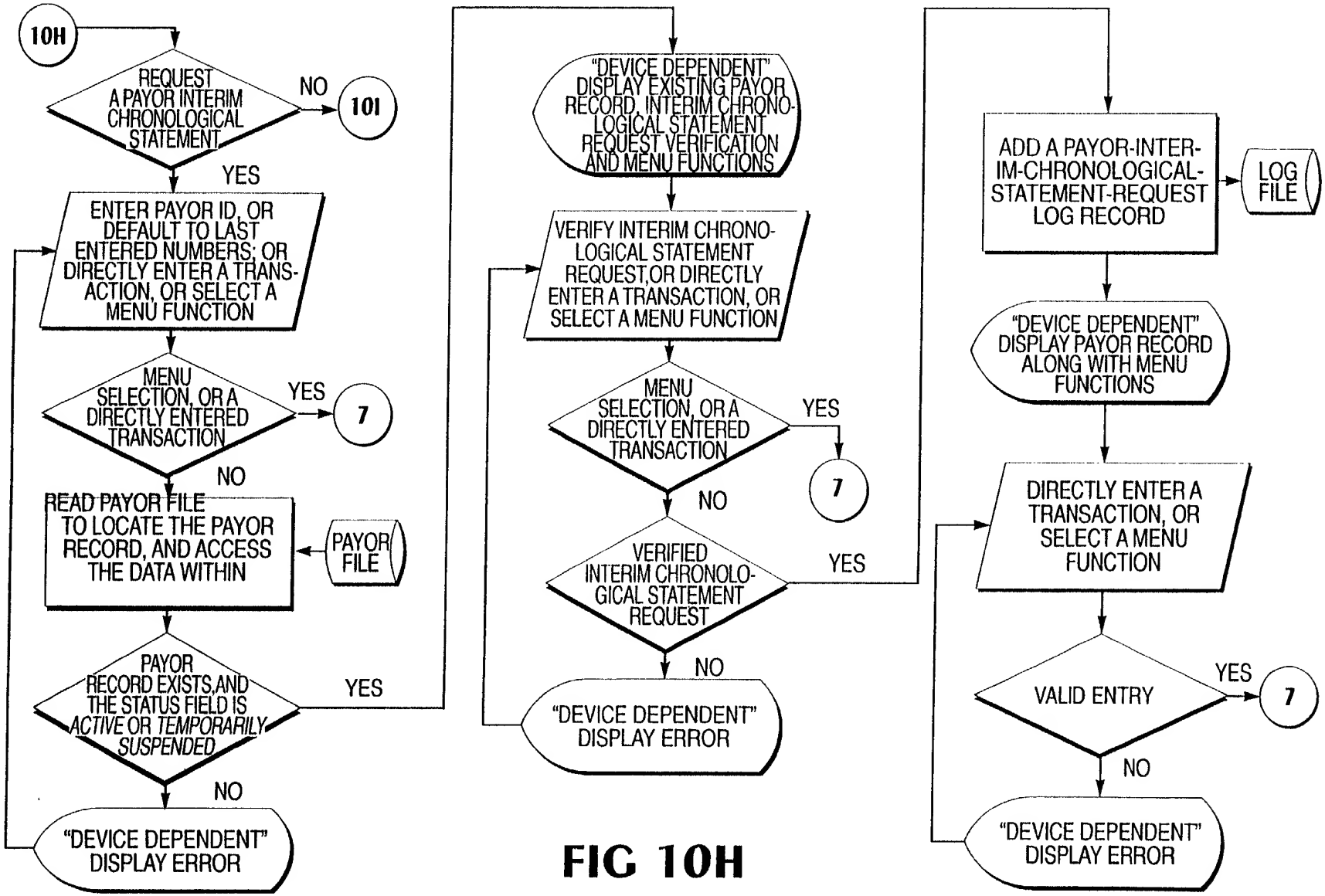

10H
REQUEST A PAYOR INTERIM CHRONOLOGICAL STATEMENT
NO
10I
YES
ENTER PAYOR ID, OR DEFAULT TO LAST ENTERED NUMBERS; OR DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
MENU SELECTION, OR A DIRECTLY ENTERED TRANSACTION
YES
7
NO
READ PAYOR FILE TO LOCATE THE PAYOR RECORD, AND ACCESS THE DATA WITHIN
PAYOR FILE
PAYOR RECORD EXISTS, AND THE STATUS FIELD IS ACTIVE OR TEMPORARILY SUSPENDED
YES
NO
"DEVICE DEPENDENT" DISPLAY ERROR
"DEVICE DEPENDENT" DISPLAY EXISTING PAYOR RECORD, INTERIM CHRONOLOGICAL STATEMENT REQUEST VERIFICATION AND MENU FUNCTIONS
VERIFY INTERIM CHRONOLOGICAL STATEMENT REQUEST, OR DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
MENU SELECTION, OR A DIRECTLY ENTERED TRANSACTION
YES
7
NO
VERIFIED INTERIM CHRONOLOGICAL STATEMENT REQUEST
YES
NO
"DEVICE DEPENDENT" DISPLAY ERROR
ADD A PAYOR-INTERIM-CHRONOLOGICAL-STATEMENT-REQUEST LOG RECORD
LOG FILE
"DEVICE DEPENDENT" DISPLAY PAYOR RECORD ALONG WITH MENU FUNCTIONS
DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
VALID ENTRY
YES
7
NO
"DEVICE DEPENDENT" DISPLAY ERROR

FIG 10H

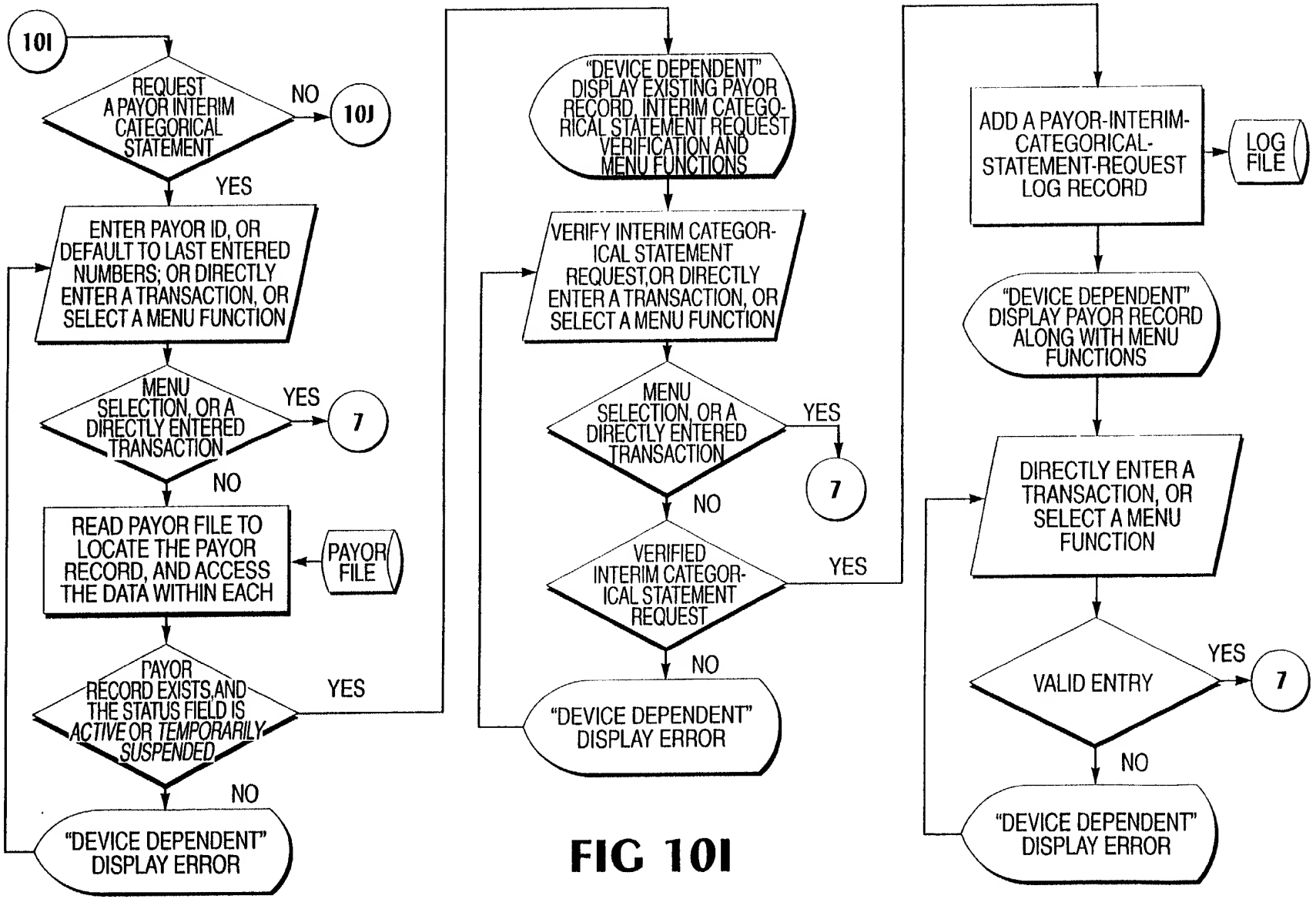

101
REQUEST A PAYOR INTERIM CATEGORICAL STATEMENT
NO
10J
YES
ENTER PAYOR ID, OR DEFAULT TO LAST ENTERED NUMBERS; OR DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
MENU SELECTION, OR A DIRECTLY ENTERED TRANSACTION
YES
7
NO
READ PAYOR FILE TO LOCATE THE PAYOR RECORD, AND ACCESS THE DATA WITHIN EACH
PAYOR FILE
PAYOR RECORD EXISTS AND THE STATUS FIELD IS ACTIVE OR TEMPORARILY SUSPENDED
YES
NO
"DEVICE DEPENDENT" DISPLAY ERROR
"DEVICE DEPENDENT" DISPLAY EXISTING PAYOR RECORD, INTERIM CATEGORICAL STATEMENT REQUEST VERIFICATION AND MENU FUNCTIONS
VERIFY INTERIM CATEGORICAL STATEMENT REQUEST, OR DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
MENU SELECTION, OR A DIRECTLY ENTERED TRANSACTION
YES
7
NO
VERIFIED INTERIM CATEGORICAL STATEMENT REQUEST
YES
NO
"DEVICE DEPENDENT" DISPLAY ERROR
ADD A PAYOR-INTERIM-CATEGORICAL-STATEMENT-REQUEST LOG RECORD
LOG FILE
"DEVICE DEPENDENT" DISPLAY PAYOR RECORD ALONG WITH MENU FUNCTIONS
DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
VALID ENTRY
YES
7
NO
"DEVICE DEPENDENT" DISPLAY ERROR

FIG 10I

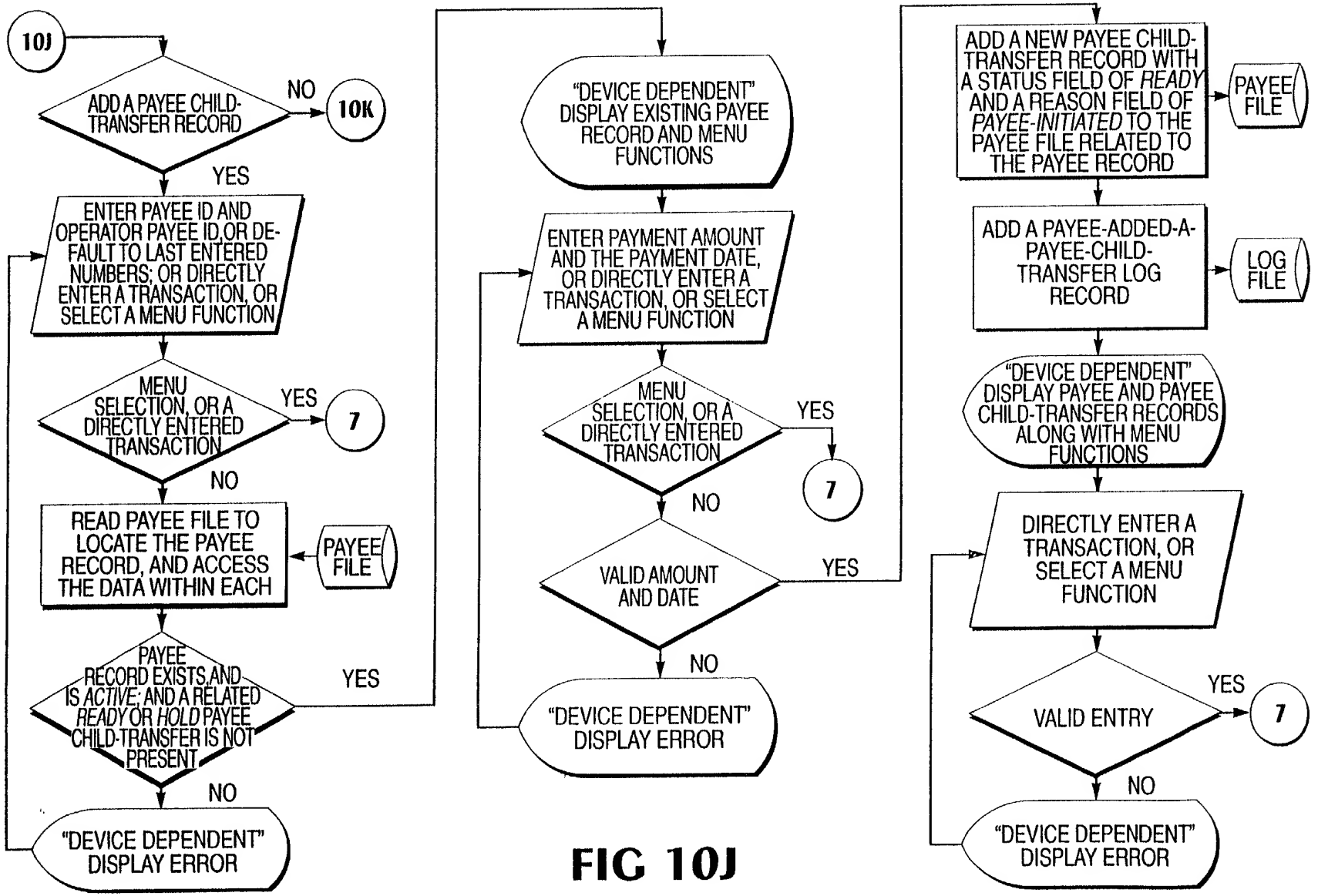

10J
ADD A PAYEE CHILD-TRANSFER RECORD
NO
10K
YES
ENTER PAYEE ID AND OPERATOR PAYEE ID,OR DEFAULT TO LAST ENTERED NUMBERS; OR DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
MENU SELECTION, OR A DIRECTLY ENTERED TRANSACTION
YES
7
NO
READ PAYEE FILE TO LOCATE THE PAYEE RECORD, AND ACCESS THE DATA WITHIN EACH
PAYEE FILE
PAYEE RECORD EXISTS AND IS ACTIVE; AND A RELATED READY OR HOLD PAYEE CHILD-TRANSFER IS NOT PRESENT
YES
NO
"DEVICE DEPENDENT" DISPLAY ERROR
"DEVICE DEPENDENT" DISPLAY EXISTING PAYEE RECORD AND MENU FUNCTIONS
ENTER PAYMENT AMOUNT AND THE PAYMENT DATE, OR DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
MENU SELECTION, OR A DIRECTLY ENTERED TRANSACTION
YES
7
NO
VALID AMOUNT AND DATE
YES
NO
"DEVICE DEPENDENT" DISPLAY ERROR
ADD A NEW PAYEE CHILD-TRANSFER RECORD WITH A STATUS FIELD OF READY AND A REASON FIELD OF PAYEE-INITIATED TO THE PAYEE FILE RELATED TO THE PAYEE RECORD
PAYEE FILE
ADD A PAYEE-ADDED-A-PAYEE-CHILD-TRANSFER LOG RECORD
LOG FILE
"DEVICE DEPENDENT" DISPLAY PAYEE AND PAYEE CHILD-TRANSFER RECORDS ALONG WITH MENU FUNCTIONS
DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
VALID ENTRY
YES
7
NO
"DEVICE DEPENDENT" DISPLAY ERROR

FIG 10J

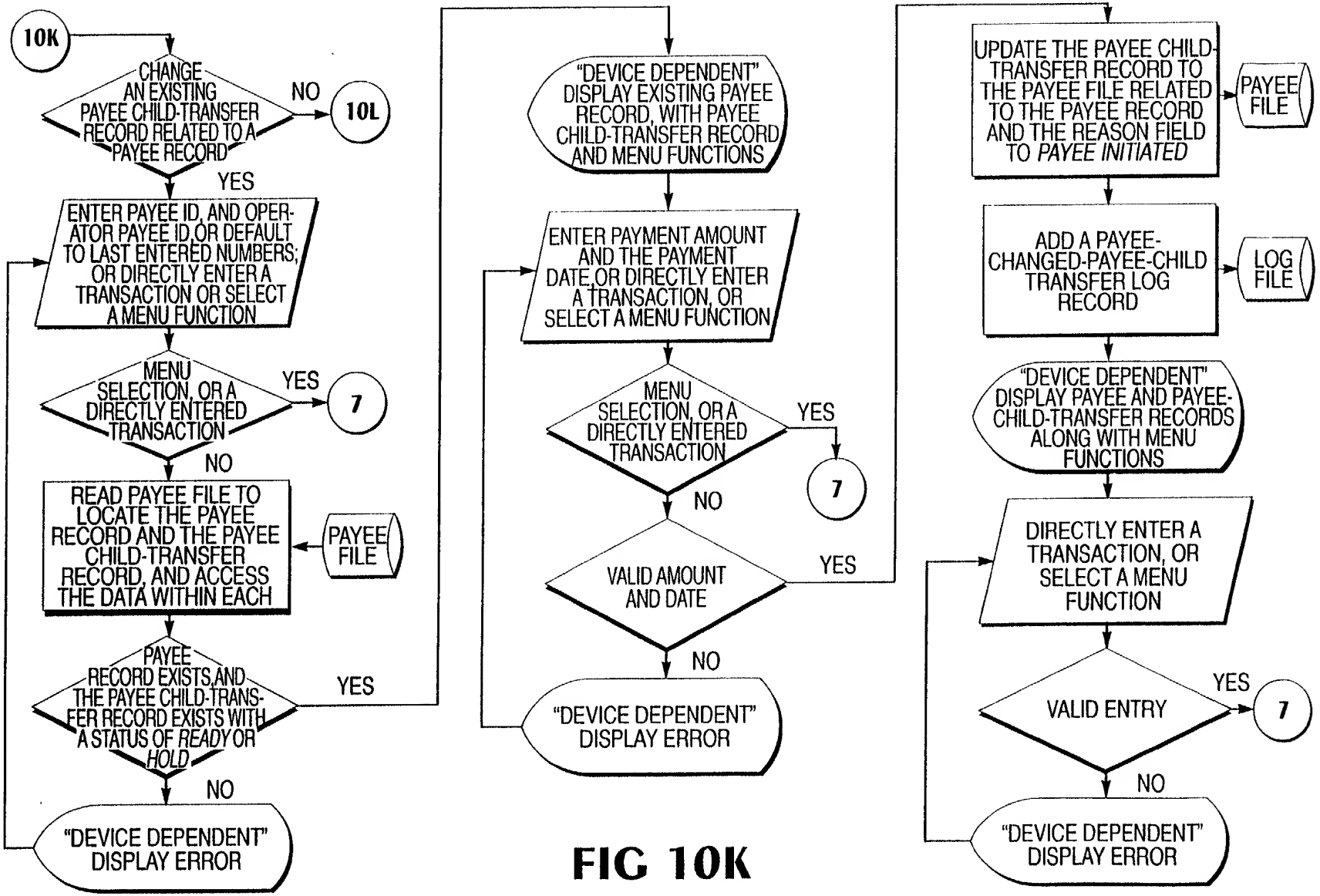

10K
CHANGE AN EXISTING PAYEE CHILD-TRANSFER RECORD RELATED TO A PAYEE RECORD
NO
10L
YES
ENTER PAYEE ID, AND OPERATOR PAYEE ID,OR DEFAULT TO LAST ENTERED NUMBERS; OR DIRECTLY ENTER A TRANSACTION OR SELECT A MENU FUNCTION
MENU SELECTION, OR A DIRECTLY ENTERED TRANSACTION
YES
7
NO
READ PAYEE FILE TO LOCATE THE PAYEE RECORD AND THE PAYEE CHILD-TRANSFER RECORD, AND ACCESS THE DATA WITHIN EACH
PAYEE FILE
PAYEE RECORD EXISTS,AND THE PAYEE CHILD-TRANSFER RECORD EXISTS WITH A STATUS OF *READY* OR *HOLD*
YES
NO
"DEVICE DEPENDENT" DISPLAY ERROR
"DEVICE DEPENDENT" DISPLAY EXISTING PAYEE RECORD, WITH PAYEE CHILD-TRANSFER RECORD AND MENU FUNCTIONS
ENTER PAYMENT AMOUNT AND THE PAYMENT DATE,OR DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
MENU SELECTION, OR A DIRECTLY ENTERED TRANSACTION
YES
7
NO
VALID AMOUNT AND DATE
YES
NO
"DEVICE DEPENDENT" DISPLAY ERROR
UPDATE THE PAYEE CHILD-TRANSFER RECORD TO THE PAYEE FILE RELATED TO THE PAYEE RECORD AND THE REASON FIELD TO *PAYEE INITIATED*
PAYEE FILE
ADD A PAYEE-CHANGED-PAYEE-CHILD TRANSFER LOG RECORD
LOG FILE
"DEVICE DEPENDENT" DISPLAY PAYEE AND PAYEE-CHILD-TRANSFER RECORDS ALONG WITH MENU FUNCTIONS
DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
VALID ENTRY
YES
7
NO
"DEVICE DEPENDENT" DISPLAY ERROR

FIG 10K

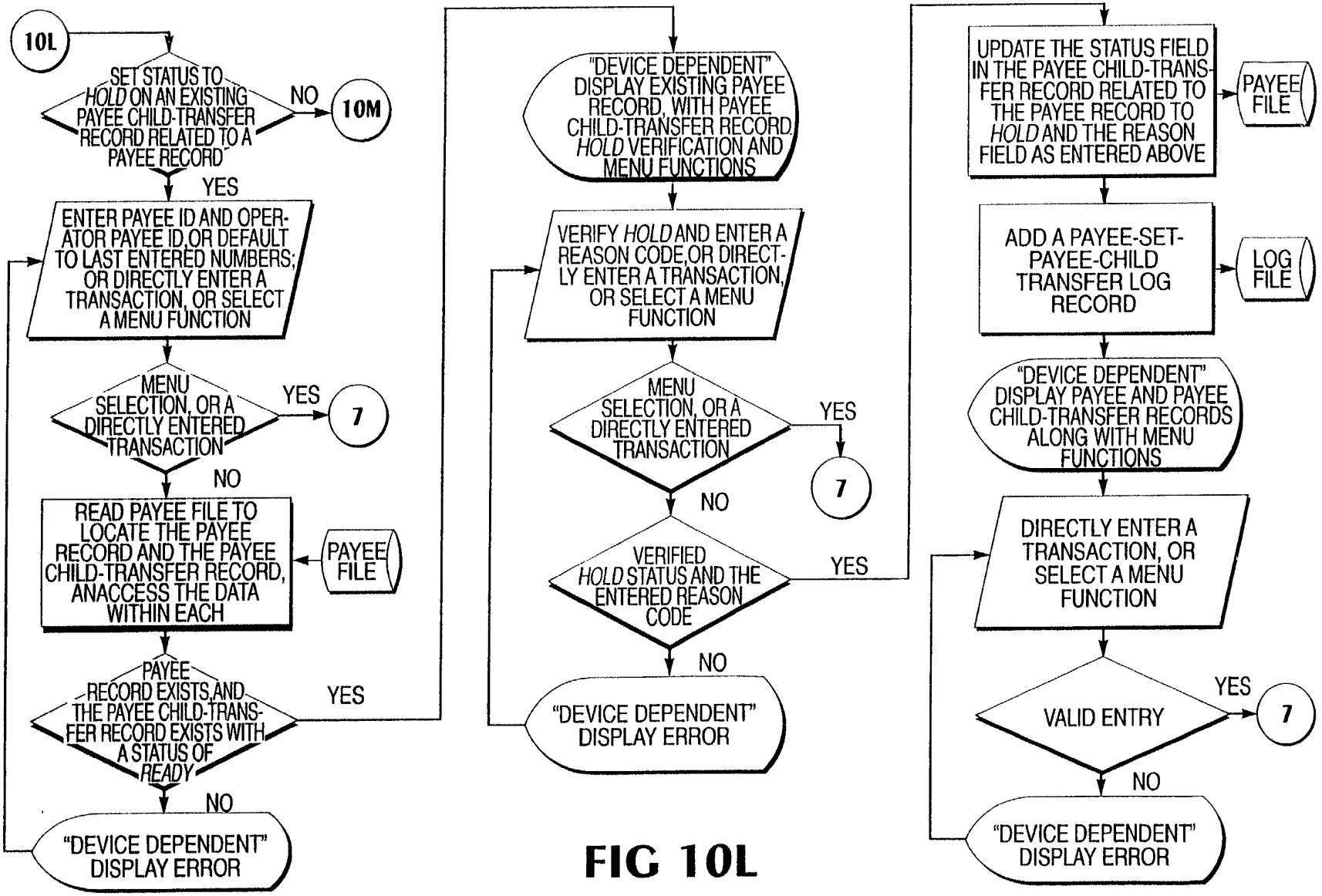

10L
SET STATUS TO HOLD ON AN EXISTING PAYEE CHILD-TRANSFER RECORD RELATED TO A PAYEE RECORD
NO
10M
YES
ENTER PAYEE ID AND OPERATOR PAYEE ID,OR DEFAULT TO LAST ENTERED NUMBERS; OR DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
MENU SELECTION, OR A DIRECTLY ENTERED TRANSACTION
YES
7
NO
READ PAYEE FILE TO LOCATE THE PAYEE RECORD AND THE PAYEE CHILD-TRANSFER RECORD, ANACCESS THE DATA WITHIN EACH
PAYEE FILE
PAYEE RECORD EXISTS,AND THE PAYEE CHILD-TRANSFER RECORD EXISTS WITH A STATUS OF READY
YES
NO
"DEVICE DEPENDENT" DISPLAY ERROR
"DEVICE DEPENDENT" DISPLAY EXISTING PAYEE RECORD, WITH PAYEE CHILD-TRANSFER RECORD, HOLD VERIFICATION AND MENU FUNCTIONS
VERIFY HOLD AND ENTER A REASON CODE,OR DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
MENU SELECTION, OR A DIRECTLY ENTERED TRANSACTION
YES
7
NO
VERIFIED HOLD STATUS AND THE ENTERED REASON CODE
YES
NO
"DEVICE DEPENDENT" DISPLAY ERROR
UPDATE THE STATUS FIELD IN THE PAYEE CHILD-TRANSFER RECORD RELATED TO THE PAYEE RECORD TO HOLD AND THE REASON FIELD AS ENTERED ABOVE
PAYEE FILE
ADD A PAYEE-SET-PAYEE-CHILD TRANSFER LOG RECORD
LOG FILE
"DEVICE DEPENDENT" DISPLAY PAYEE AND PAYEE CHILD-TRANSFER RECORDS ALONG WITH MENU FUNCTIONS
DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
VALID ENTRY
YES
7
NO
"DEVICE DEPENDENT" DISPLAY ERROR

FIG 10L

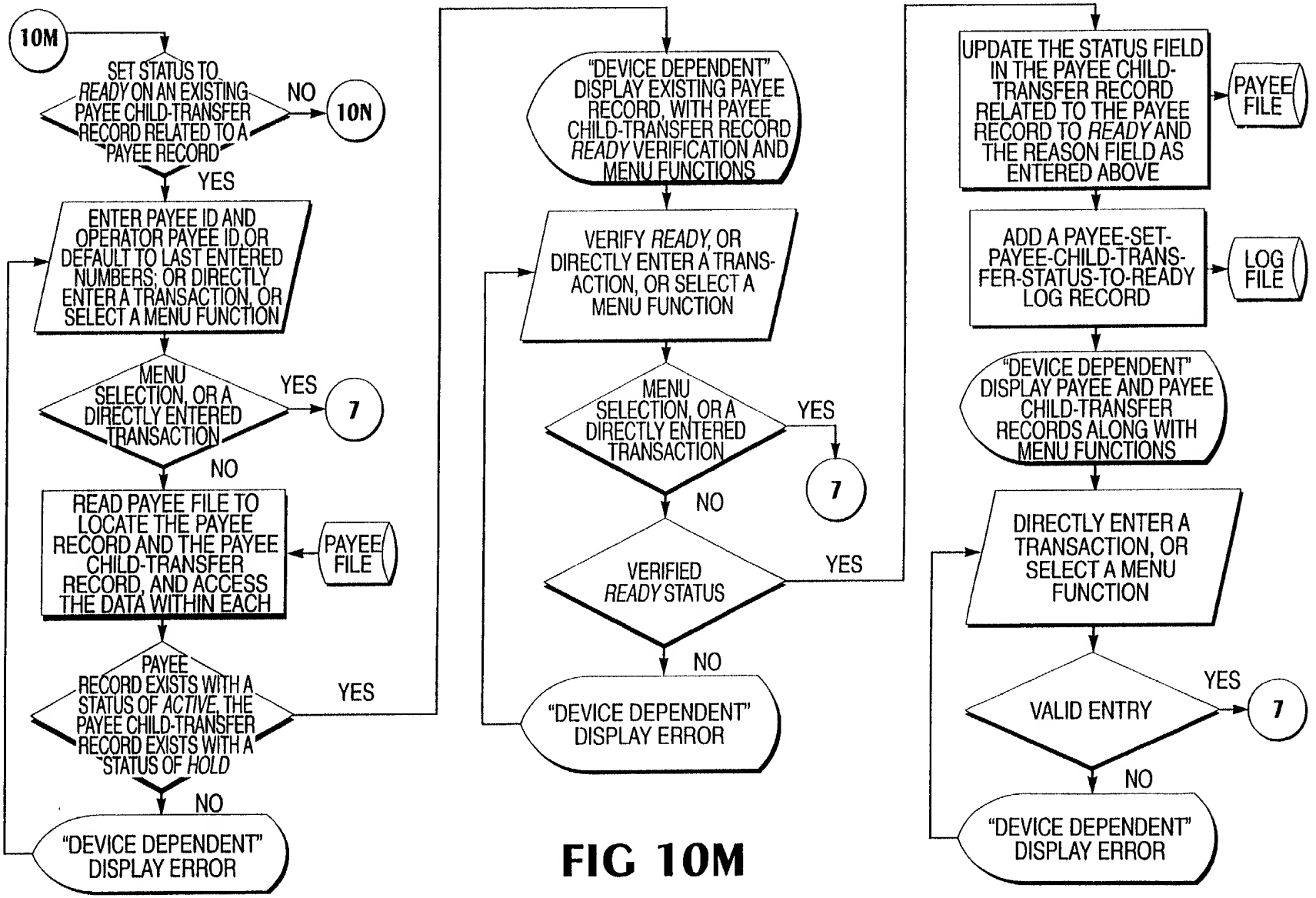

10M
SET STATUS TO READY ON AN EXISTING PAYEE CHILD-TRANSFER RECORD RELATED TO A PAYEE RECORD
NO
10N
YES
ENTER PAYEE ID AND OPERATOR PAYEE ID OR DEFAULT TO LAST ENTERED NUMBERS; OR DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
MENU SELECTION, OR A DIRECTLY ENTERED TRANSACTION
YES
7
NO
READ PAYEE FILE TO LOCATE THE PAYEE RECORD AND THE PAYEE CHILD-TRANSFER RECORD, AND ACCESS THE DATA WITHIN EACH
PAYEE FILE
PAYEE RECORD EXISTS WITH A STATUS OF ACTIVE, THE PAYEE CHILD-TRANSFER RECORD EXISTS WITH A STATUS OF HOLD
YES
NO
"DEVICE DEPENDENT" DISPLAY ERROR
"DEVICE DEPENDENT" DISPLAY EXISTING PAYEE RECORD, WITH PAYEE CHILD-TRANSFER RECORD READY VERIFICATION AND MENU FUNCTIONS
VERIFY READY, OR DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
MENU SELECTION, OR A DIRECTLY ENTERED TRANSACTION
YES
7
NO
VERIFIED READY STATUS
YES
NO
"DEVICE DEPENDENT" DISPLAY ERROR
UPDATE THE STATUS FIELD IN THE PAYEE CHILD-TRANSFER RECORD RELATED TO THE PAYEE RECORD TO READY AND THE REASON FIELD AS ENTERED ABOVE
PAYEE FILE
ADD A PAYEE-SET-PAYEE-CHILD-TRANSFER-STATUS-TO-READY LOG RECORD
LOG FILE
"DEVICE DEPENDENT" DISPLAY PAYEE AND PAYEE CHILD-TRANSFER RECORDS ALONG WITH MENU FUNCTIONS
DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
VALID ENTRY
YES
7
NO
"DEVICE DEPENDENT" DISPLAY ERROR

FIG 10M

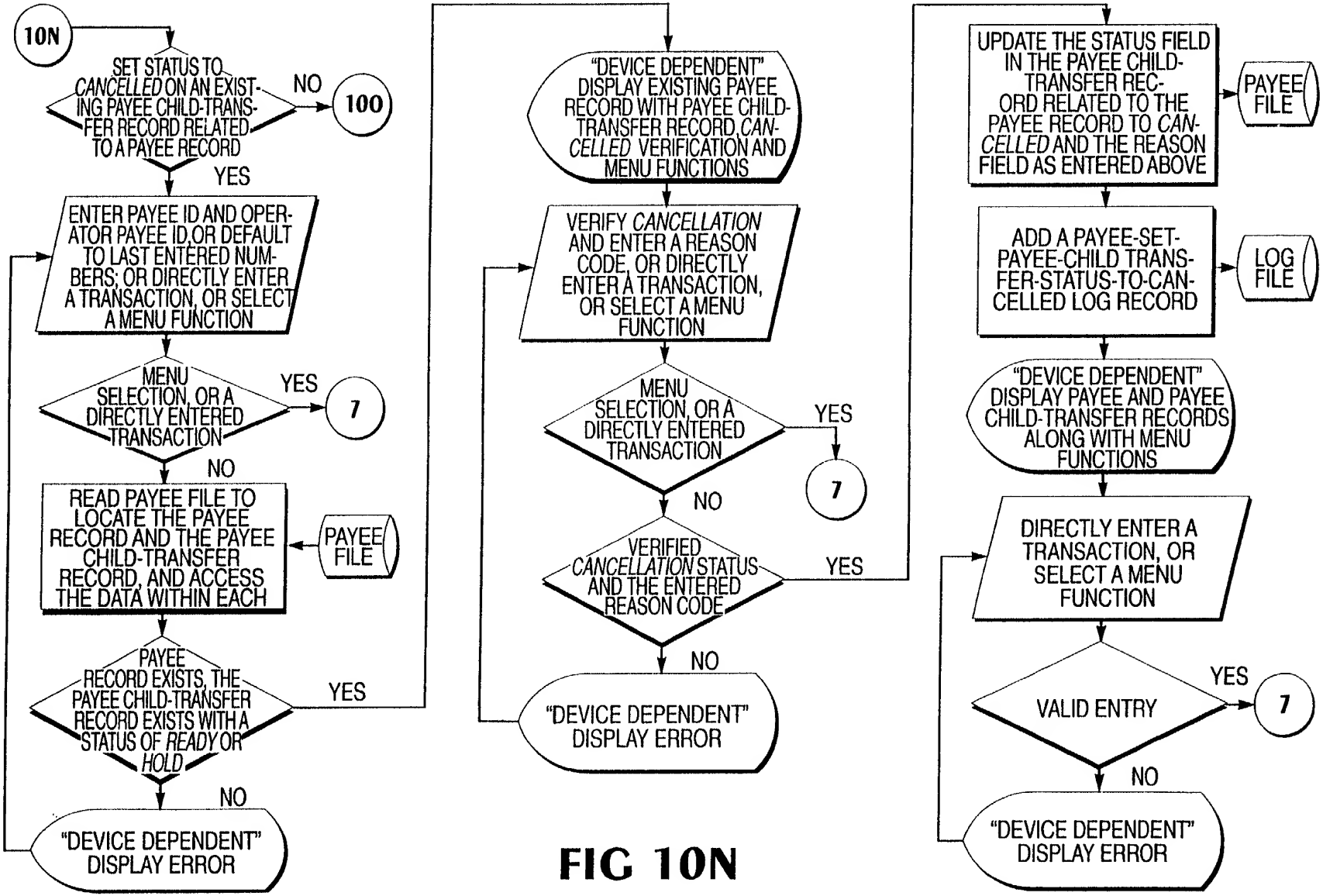

10N
SET STATUS TO CANCELLED ON AN EXISTING PAYEE CHILD-TRANSFER RECORD RELATED TO A PAYEE RECORD
NO
100
YES
ENTER PAYEE ID AND OPERATOR PAYEE ID,OR DEFAULT TO LAST ENTERED NUMBERS; OR DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
MENU SELECTION, OR A DIRECTLY ENTERED TRANSACTION
YES
7
NO
READ PAYEE FILE TO LOCATE THE PAYEE RECORD AND THE PAYEE CHILD-TRANSFER RECORD, AND ACCESS THE DATA WITHIN EACH
PAYEE FILE
PAYEE RECORD EXISTS, THE PAYEE CHILD-TRANSFER RECORD EXISTS WITH A STATUS OF READY OR HOLD
YES
NO
"DEVICE DEPENDENT" DISPLAY ERROR
"DEVICE DEPENDENT" DISPLAY EXISTING PAYEE RECORD WITH PAYEE CHILD-TRANSFER RECORD,CANCELLED VERIFICATION AND MENU FUNCTIONS
VERIFY CANCELLATION AND ENTER A REASON CODE, OR DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
MENU SELECTION, OR A DIRECTLY ENTERED TRANSACTION
YES
7
NO
VERIFIED CANCELLATION STATUS AND THE ENTERED REASON CODE
YES
NO
"DEVICE DEPENDENT" DISPLAY ERROR
UPDATE THE STATUS FIELD IN THE PAYEE CHILD-TRANSFER RECORD RELATED TO THE PAYEE RECORD TO CANCELLED AND THE REASON FIELD AS ENTERED ABOVE
PAYEE FILE
ADD A PAYEE-SET-PAYEE-CHILD TRANSFER-STATUS-TO-CANCELLED LOG RECORD
LOG FILE
"DEVICE DEPENDENT" DISPLAY PAYEE AND PAYEE CHILD-TRANSFER RECORDS ALONG WITH MENU FUNCTIONS
DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
VALID ENTRY
YES
7
NO
"DEVICE DEPENDENT" DISPLAY ERROR

FIG 10N

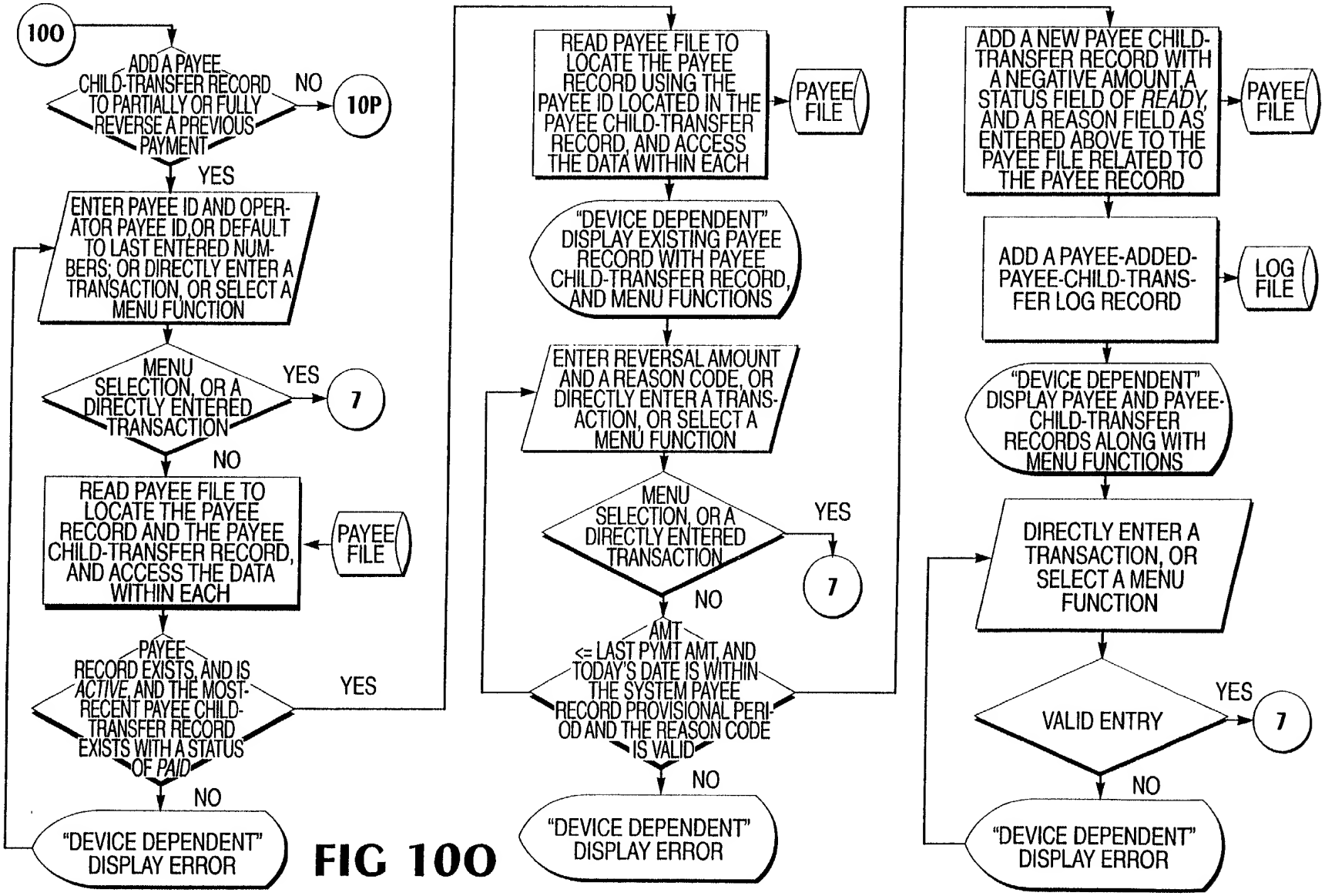

100
ADD A PAYEE CHILD-TRANSFER RECORD TO PARTIALLY OR FULLY REVERSE A PREVIOUS PAYMENT
NO
10P
YES
ENTER PAYEE ID AND OPERATOR PAYEE ID,OR DEFAULT TO LAST ENTERED NUMBERS; OR DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
MENU SELECTION, OR A DIRECTLY ENTERED TRANSACTION
YES
7
NO
READ PAYEE FILE TO LOCATE THE PAYEE RECORD AND THE PAYEE CHILD-TRANSFER RECORD, AND ACCESS THE DATA WITHIN EACH
PAYEE FILE
PAYEE RECORD EXISTS, AND IS ACTIVE, AND THE MOST-RECENT PAYEE CHILD-TRANSFER RECORD EXISTS WITH A STATUS OF PAID
YES
NO
"DEVICE DEPENDENT" DISPLAY ERROR
READ PAYEE FILE TO LOCATE THE PAYEE RECORD USING THE PAYEE ID LOCATED IN THE PAYEE CHILD-TRANSFER RECORD, AND ACCESS THE DATA WITHIN EACH
PAYEE FILE
"DEVICE DEPENDENT" DISPLAY EXISTING PAYEE RECORD WITH PAYEE CHILD-TRANSFER RECORD, AND MENU FUNCTIONS
ENTER REVERSAL AMOUNT AND A REASON CODE, OR DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
MENU SELECTION, OR A DIRECTLY ENTERED TRANSACTION
YES
7
NO
AMT <= LAST PYMT AMT, AND TODAY'S DATE IS WITHIN THE SYSTEM PAYEE RECORD PROVISIONAL PERIOD AND THE REASON CODE IS VALID
NO
"DEVICE DEPENDENT" DISPLAY ERROR
ADD A NEW PAYEE CHILD-TRANSFER RECORD WITH A NEGATIVE AMOUNT,A STATUS FIELD OF READY, AND A REASON FIELD AS ENTERED ABOVE TO THE PAYEE FILE RELATED TO THE PAYEE RECORD
PAYEE FILE
ADD A PAYEE-ADDED-PAYEE-CHILD-TRANSFER LOG RECORD
LOG FILE
"DEVICE DEPENDENT" DISPLAY PAYEE AND PAYEE-CHILD-TRANSFER RECORDS ALONG WITH MENU FUNCTIONS
DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
VALID ENTRY
YES
7
NO
"DEVICE DEPENDENT" DISPLAY ERROR

FIG 100

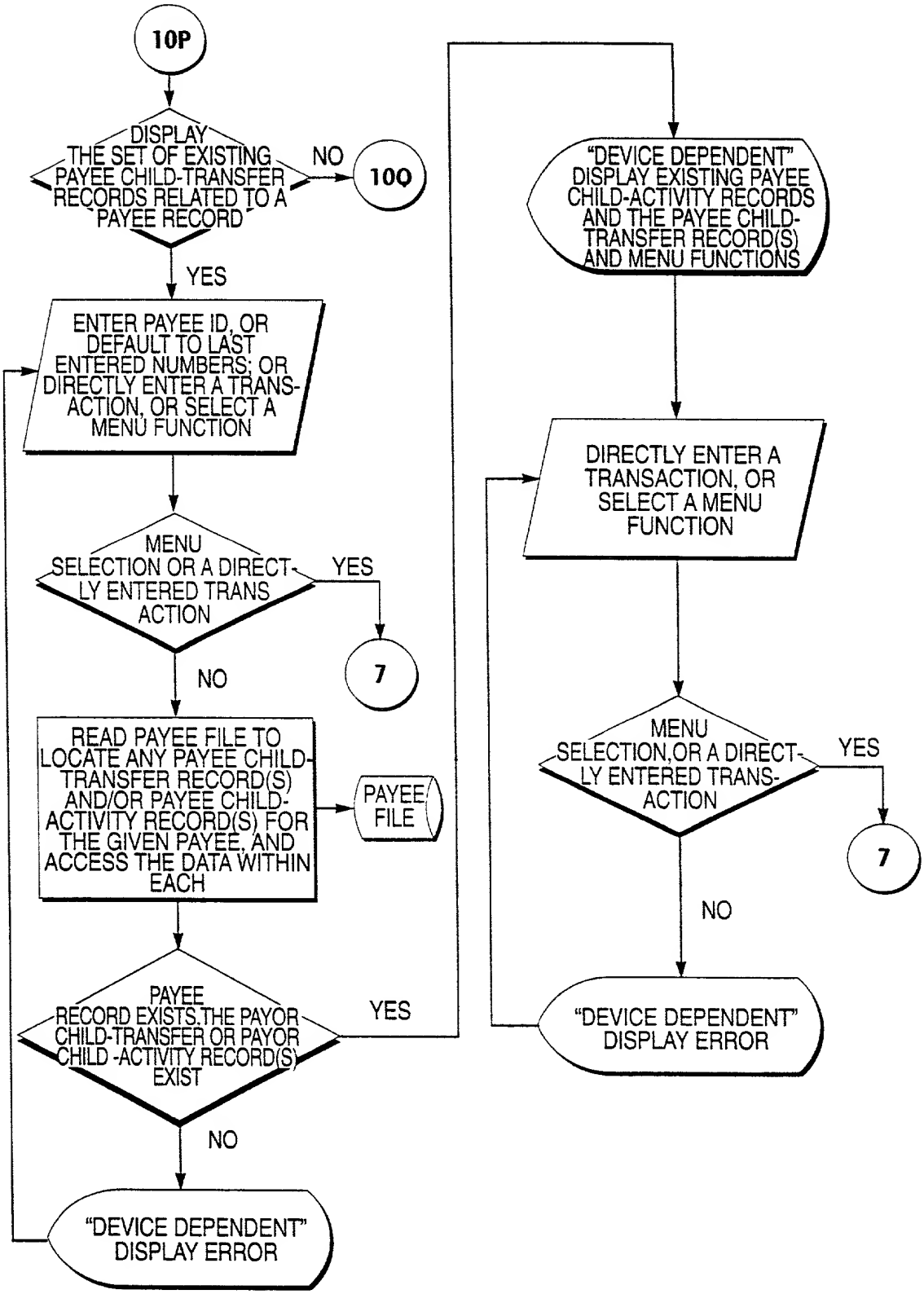

10P
DISPLAY THE SET OF EXISTING PAYEE CHILD-TRANSFER RECORDS RELATED TO A PAYEE RECORD
NO
10Q
YES
ENTER PAYEE ID, OR DEFAULT TO LAST ENTERED NUMBERS; OR DIRECTLY ENTER A TRANS-ACTION, OR SELECT A MENU FUNCTION
MENU SELECTION OR A DIRECT-LY ENTERED TRANS ACTION
YES
7
NO
READ PAYEE FILE TO LOCATE ANY PAYEE CHILD-TRANSFER RECORD(S) AND/OR PAYEE CHILD-ACTIVITY RECORD(S) FOR THE GIVEN PAYEE, AND ACCESS THE DATA WITHIN EACH
PAYEE FILE
PAYEE RECORD EXISTS.THE PAYOR CHILD-TRANSFER OR PAYOR CHILD -ACTIVITY RECORD(S) EXIST
YES
NO
"DEVICE DEPENDENT" DISPLAY ERROR
"DEVICE DEPENDENT" DISPLAY EXISTING PAYEE CHILD-ACTIVITY RECORDS AND THE PAYEE CHILD-TRANSFER RECORD(S) AND MENU FUNCTIONS
DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
MENU SELECTION,OR A DIRECT-LY ENTERED TRANS-ACTION
YES
7
NO
"DEVICE DEPENDENT" DISPLAY ERROR

FIG 10P

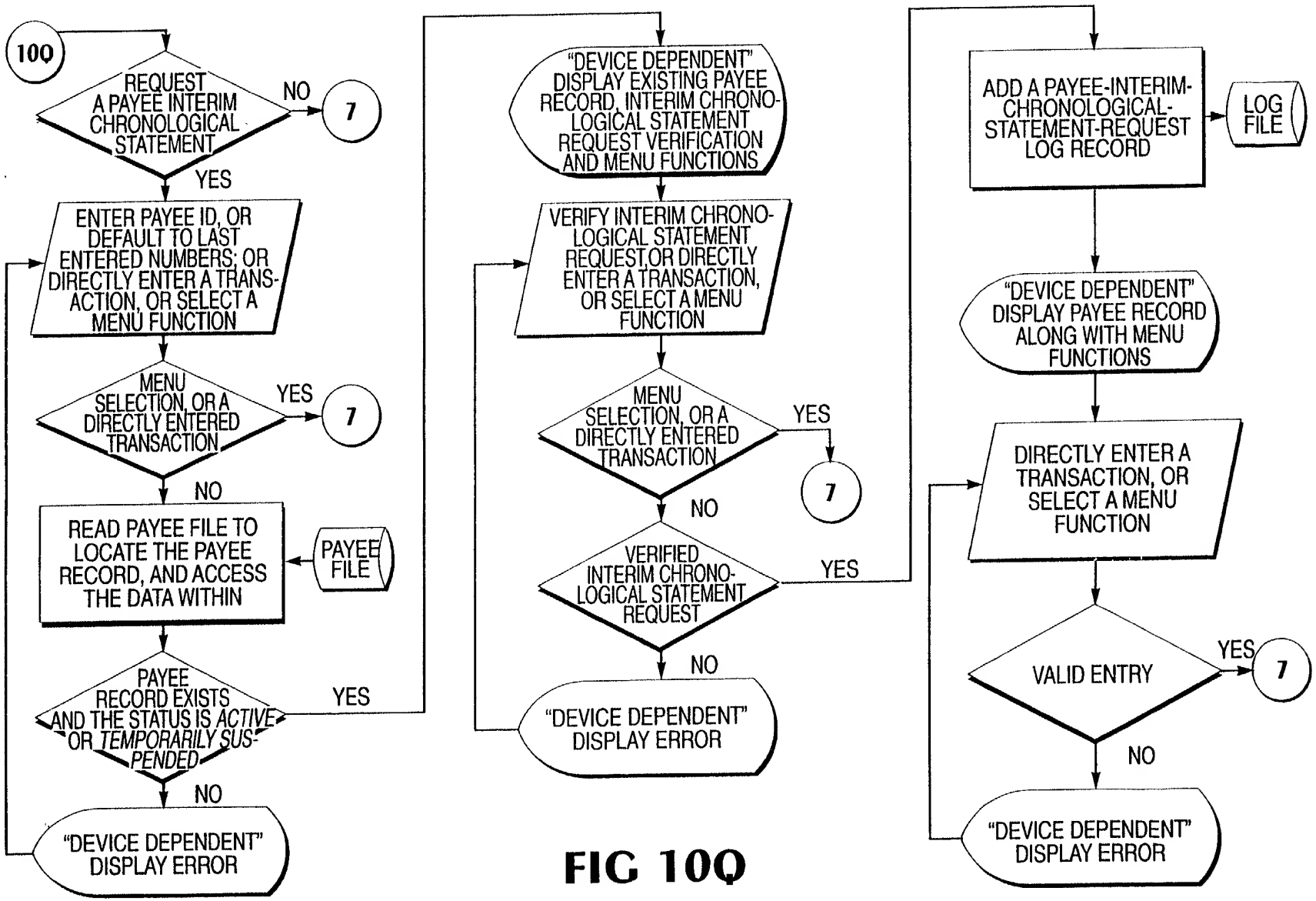

100
REQUEST A PAYEE INTERIM CHRONOLOGICAL STATEMENT
NO
7
YES
ENTER PAYEE ID, OR DEFAULT TO LAST ENTERED NUMBERS; OR DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
MENU SELECTION, OR A DIRECTLY ENTERED TRANSACTION
YES
7
NO
READ PAYEE FILE TO LOCATE THE PAYEE RECORD, AND ACCESS THE DATA WITHIN
PAYEE FILE
PAYEE RECORD EXISTS AND THE STATUS IS ACTIVE OR TEMPORARILY SUSPENDED
YES
NO
"DEVICE DEPENDENT" DISPLAY ERROR
"DEVICE DEPENDENT" DISPLAY EXISTING PAYEE RECORD, INTERIM CHRONOLOGICAL STATEMENT REQUEST VERIFICATION AND MENU FUNCTIONS
VERIFY INTERIM CHRONOLOGICAL STATEMENT REQUEST,OR DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
MENU SELECTION, OR A DIRECTLY ENTERED TRANSACTION
YES
7
NO
VERIFIED INTERIM CHRONOLOGICAL STATEMENT REQUEST
YES
NO
"DEVICE DEPENDENT" DISPLAY ERROR
ADD A PAYEE-INTERIM-CHRONOLOGICAL-STATEMENT-REQUEST LOG RECORD
LOG FILE
"DEVICE DEPENDENT" DISPLAY PAYEE RECORD ALONG WITH MENU FUNCTIONS
DIRECTLY ENTER A TRANSACTION, OR SELECT A MENU FUNCTION
VALID ENTRY
YES
7
NO
"DEVICE DEPENDENT" DISPLAY ERROR

FIG 10Q

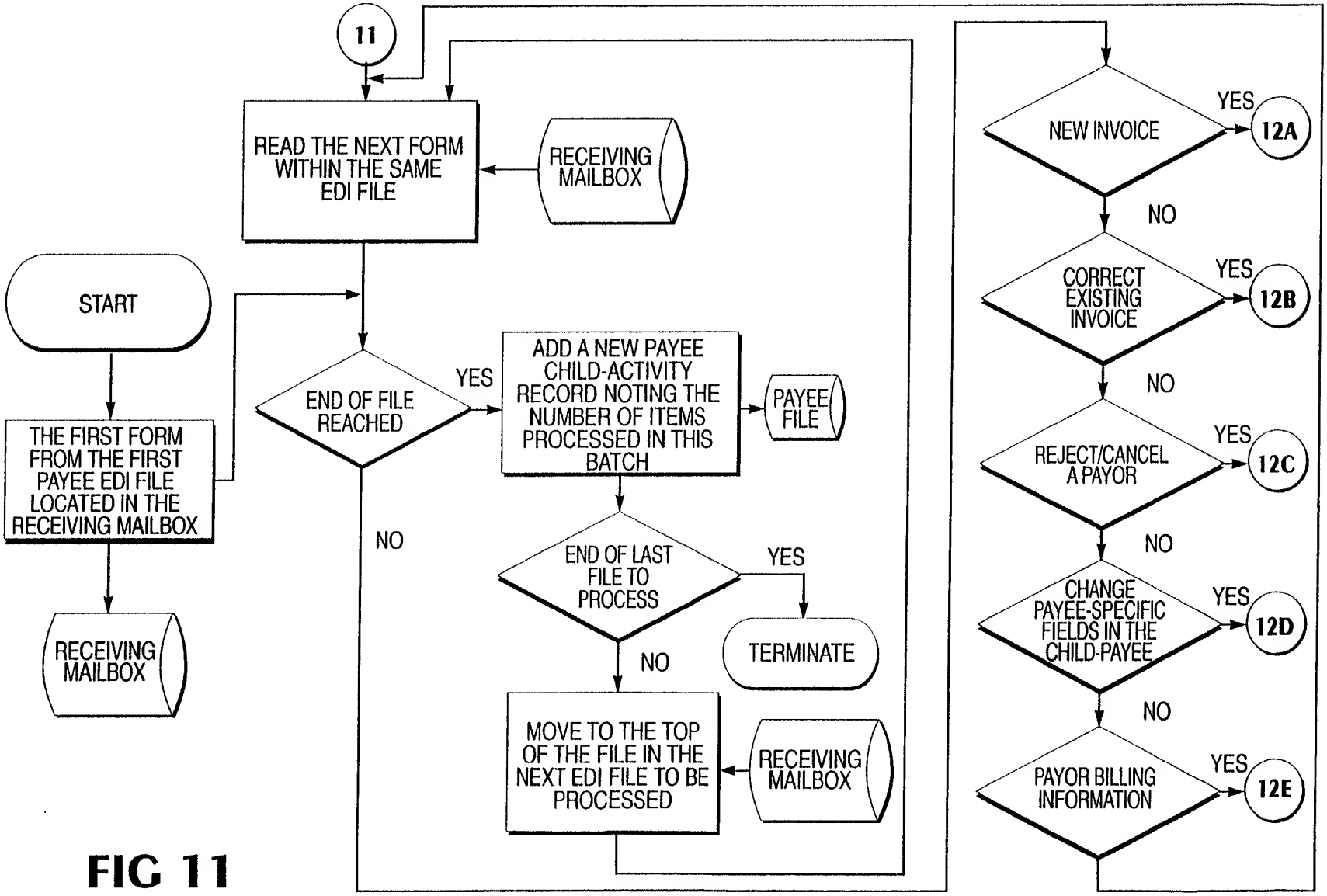
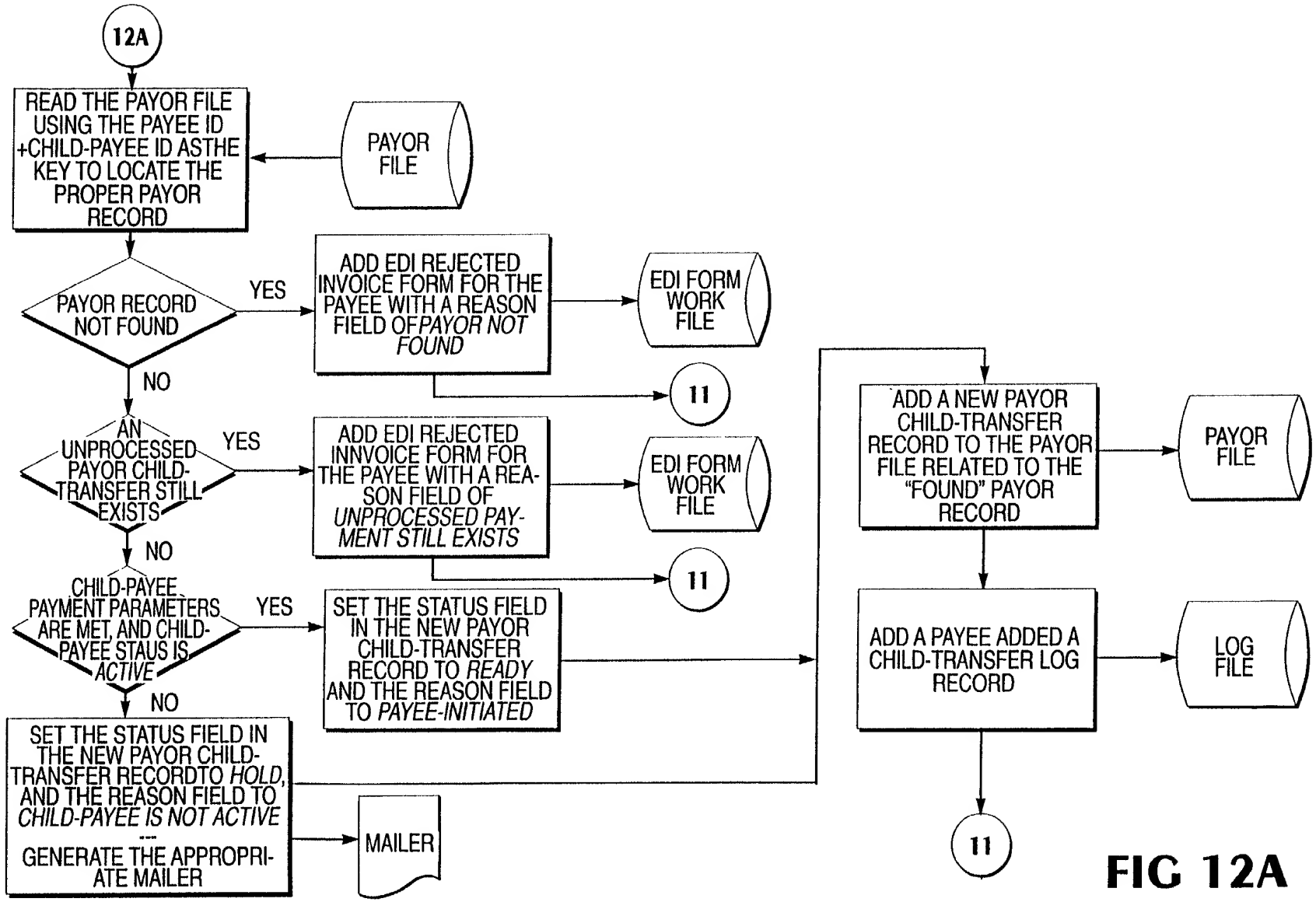

11
START
THE FIRST FORM FROM THE FIRST PAYEE EDI FILE LOCATED IN THE RECEIVING MAILBOX
RECEIVING MAILBOX
READ THE NEXT FORM WITHIN THE SAME EDI FILE
RECEIVING MAILBOX
END OF FILE REACHED
YES
NO
ADD A NEW PAYEE CHILD-ACTIVITY RECORD NOTING THE NUMBER OF ITEMS PROCESSED IN THIS BATCH
PAYEE FILE
END OF LAST FILE TO PROCESS
YES
TERMINATE
NO
MOVE TO THE TOP OF THE FILE IN THE NEXT EDI FILE TO BE PROCESSED
RECEIVING MAILBOX
NEW INVOICE
YES
12A
NO
CORRECT EXISTING INVOICE
YES
12B
NO
REJECT/CANCEL A PAYOR
YES
12C
NO
CHANGE PAYEE-SPECIFIC FIELDS IN THE CHILD-PAYEE
YES
12D
NO
PAYOR BILLING INFORMATION
YES
12E

FIG 11


12A
READ THE PAYOR FILE USING THE PAYEE ID +CHILD-PAYEE ID ASTHE KEY TO LOCATE THE PROPER PAYOR RECORD
PAYOR FILE
PAYOR RECORD NOT FOUND
YES
ADD EDI REJECTED INVOICE FORM FOR THE PAYEE WITH A REASON FIELD OF *PAYOR NOT FOUND*
EDI FORM WORK FILE
11
NO
AN UNPROCESSED PAYOR CHILD-TRANSFER STILL EXISTS
YES
ADD EDI REJECTED INNVOICE FORM FOR THE PAYEE WITH A REA-SON FIELD OF *UNPROCESSED PAY-MENT STILL EXISTS*
EDI FORM WORK FILE
11
NO
CHILD-PAYEE PAYMENT PARAMETERS ARE MET, AND CHILD-PAYEE STAUS IS *ACTIVE*
YES
SET THE STATUS FIELD IN THE NEW PAYOR CHILD-TRANSFER RECORD TO *READY* AND THE REASON FIELD TO *PAYEE-INITIATED*
NO
SET THE STATUS FIELD IN THE NEW PAYOR CHILD-TRANSFER RECORDTO *HOLD*, AND THE REASON FIELD TO *CHILD-PAYEE IS NOT ACTIVE*

GENERATE THE APPROPRI-ATE MAILER
MAILER
ADD A NEW PAYOR CHILD-TRANSFER RECORD TO THE PAYOR FILE RELATED TO THE "FOUND" PAYOR RECORD
PAYOR FILE
ADD A PAYEE ADDED A CHILD-TRANSFER LOG RECORD
LOG FILE
11

FIG 12A

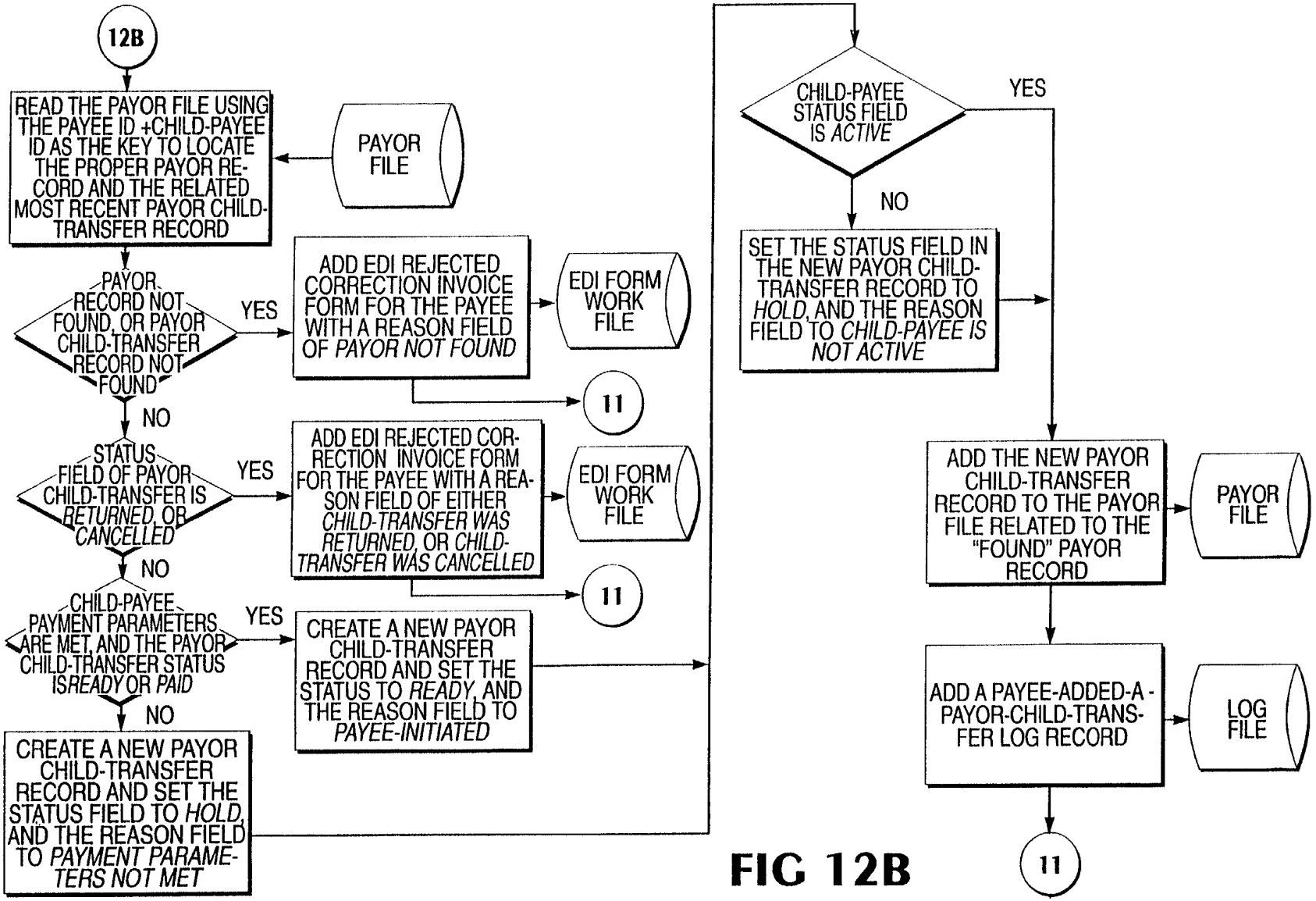

12B
READ THE PAYOR FILE USING THE PAYEE ID +CHILD-PAYEE ID AS THE KEY TO LOCATE THE PROPER PAYOR RECORD AND THE RELATED MOST RECENT PAYOR CHILD-TRANSFER RECORD
PAYOR FILE
PAYOR RECORD NOT FOUND, OR PAYOR CHILD-TRANSFER RECORD NOT FOUND
YES
ADD EDI REJECTED CORRECTION INVOICE FORM FOR THE PAYEE WITH A REASON FIELD OF PAYOR NOT FOUND
EDI FORM WORK FILE
11
NO
STATUS FIELD OF PAYOR CHILD-TRANSFER IS RETURNED, OR CANCELLED
YES
ADD EDI REJECTED CORRECTION INVOICE FORM FOR THE PAYEE WITH A REASON FIELD OF EITHER CHILD-TRANSFER WAS RETURNED, OR CHILD-TRANSFER WAS CANCELLED
EDI FORM WORK FILE
11
NO
CHILD-PAYEE PAYMENT PARAMETERS ARE MET, AND THE PAYOR CHILD-TRANSFER STATUS IS READY OR PAID
YES
CREATE A NEW PAYOR CHILD-TRANSFER RECORD AND SET THE STATUS TO READY, AND THE REASON FIELD TO PAYEE-INITIATED
NO
CREATE A NEW PAYOR CHILD-TRANSFER RECORD AND SET THE STATUS FIELD TO HOLD, AND THE REASON FIELD TO PAYMENT PARAMETERS NOT MET
CHILD-PAYEE STATUS FIELD IS ACTIVE
YES
NO
SET THE STATUS FIELD IN THE NEW PAYOR CHILD-TRANSFER RECORD TO HOLD, AND THE REASON FIELD TO CHILD-PAYEE IS NOT ACTIVE
ADD THE NEW PAYOR CHILD-TRANSFER RECORD TO THE PAYOR FILE RELATED TO THE "FOUND" PAYOR RECORD
PAYOR FILE
ADD A PAYEE-ADDED-A-PAYOR-CHILD-TRANSFER LOG RECORD
LOG FILE
11

FIG 12B

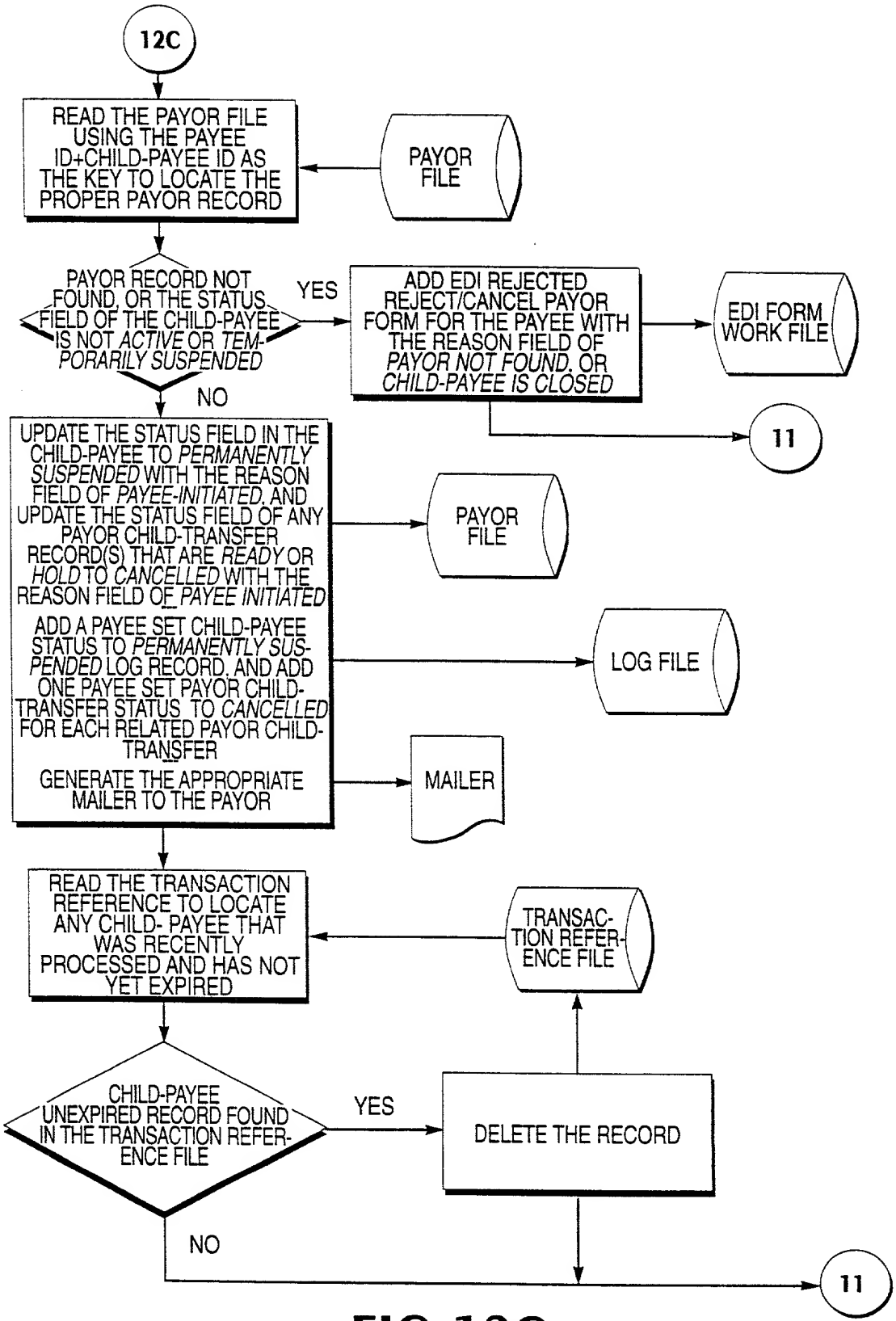
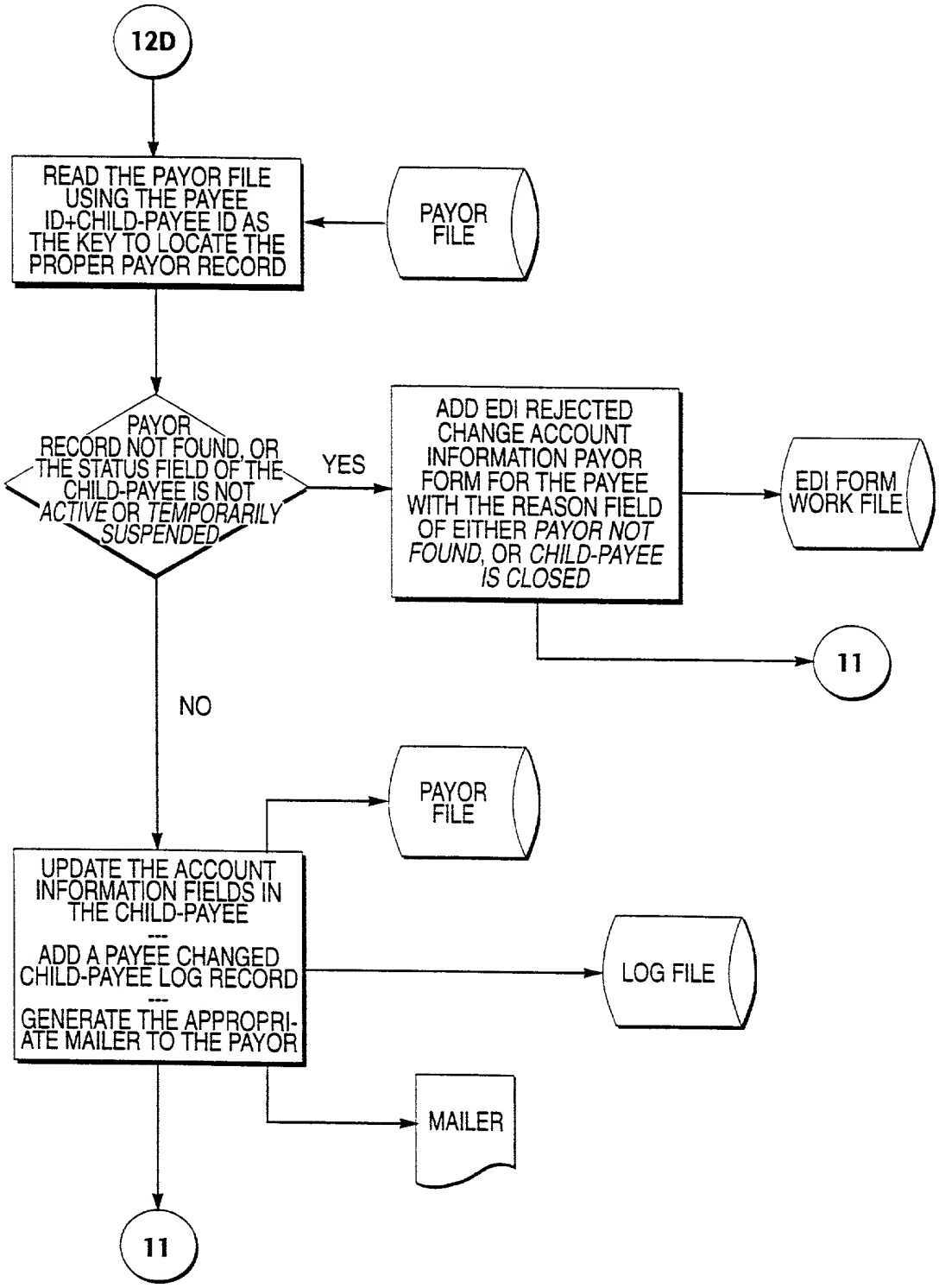

12C
READ THE PAYOR FILE USING THE PAYEE ID+CHILD-PAYEE ID AS THE KEY TO LOCATE THE PROPER PAYOR RECORD
PAYOR FILE
PAYOR RECORD NOT FOUND, OR THE STATUS FIELD OF THE CHILD-PAYEE IS NOT *ACTIVE* OR *TEMPORARILY SUSPENDED*
YES
ADD EDI REJECTED REJECT/CANCEL PAYOR FORM FOR THE PAYEE WITH THE REASON FIELD OF *PAYOR NOT FOUND*, OR *CHILD-PAYEE IS CLOSED*
EDI FORM WORK FILE
11
NO
UPDATE THE STATUS FIELD IN THE CHILD-PAYEE TO *PERMANENTLY SUSPENDED* WITH THE REASON FIELD OF *PAYEE-INITIATED*, AND UPDATE THE STATUS FIELD OF ANY PAYOR CHILD-TRANSFER RECORD(S) THAT ARE *READY* OR *HOLD* TO *CANCELLED* WITH THE REASON FIELD OF *PAYEE INITIATED*
PAYOR FILE
ADD A PAYEE SET CHILD-PAYEE STATUS TO *PERMANENTLY SUSPENDED* LOG RECORD, AND ADD ONE PAYEE SET PAYOR CHILD-TRANSFER STATUS TO *CANCELLED* FOR EACH RELATED PAYOR CHILD-TRANSFER
LOG FILE
GENERATE THE APPROPRIATE MAILER TO THE PAYOR
MAILER
READ THE TRANSACTION REFERENCE TO LOCATE ANY CHILD- PAYEE THAT WAS RECENTLY PROCESSED AND HAS NOT YET EXPIRED
TRANSACTION REFERENCE FILE
CHILD-PAYEE UNEXPIRED RECORD FOUND IN THE TRANSACTION REFERENCE FILE
YES
DELETE THE RECORD
NO
11

FIG 12C


12D
READ THE PAYOR FILE USING THE PAYEE ID+CHILD-PAYEE ID AS THE KEY TO LOCATE THE PROPER PAYOR RECORD
PAYOR FILE
PAYOR RECORD NOT FOUND, OR THE STATUS FIELD OF THE CHILD-PAYEE IS NOT ACTIVE OR TEMPORARILY SUSPENDED
YES
ADD EDI REJECTED CHANGE ACCOUNT INFORMATION PAYOR FORM FOR THE PAYEE WITH THE REASON FIELD OF EITHER PAYOR NOT FOUND, OR CHILD-PAYEE IS CLOSED
EDI FORM WORK FILE
11
NO
PAYOR FILE
UPDATE THE ACCOUNT INFORMATION FIELDS IN THE CHILD-PAYEE

ADD A PAYEE CHANGED CHILD-PAYEE LOG RECORD

GENERATE THE APPROPRIATE MAILER TO THE PAYOR
LOG FILE
MAILER
11

FIG 12D

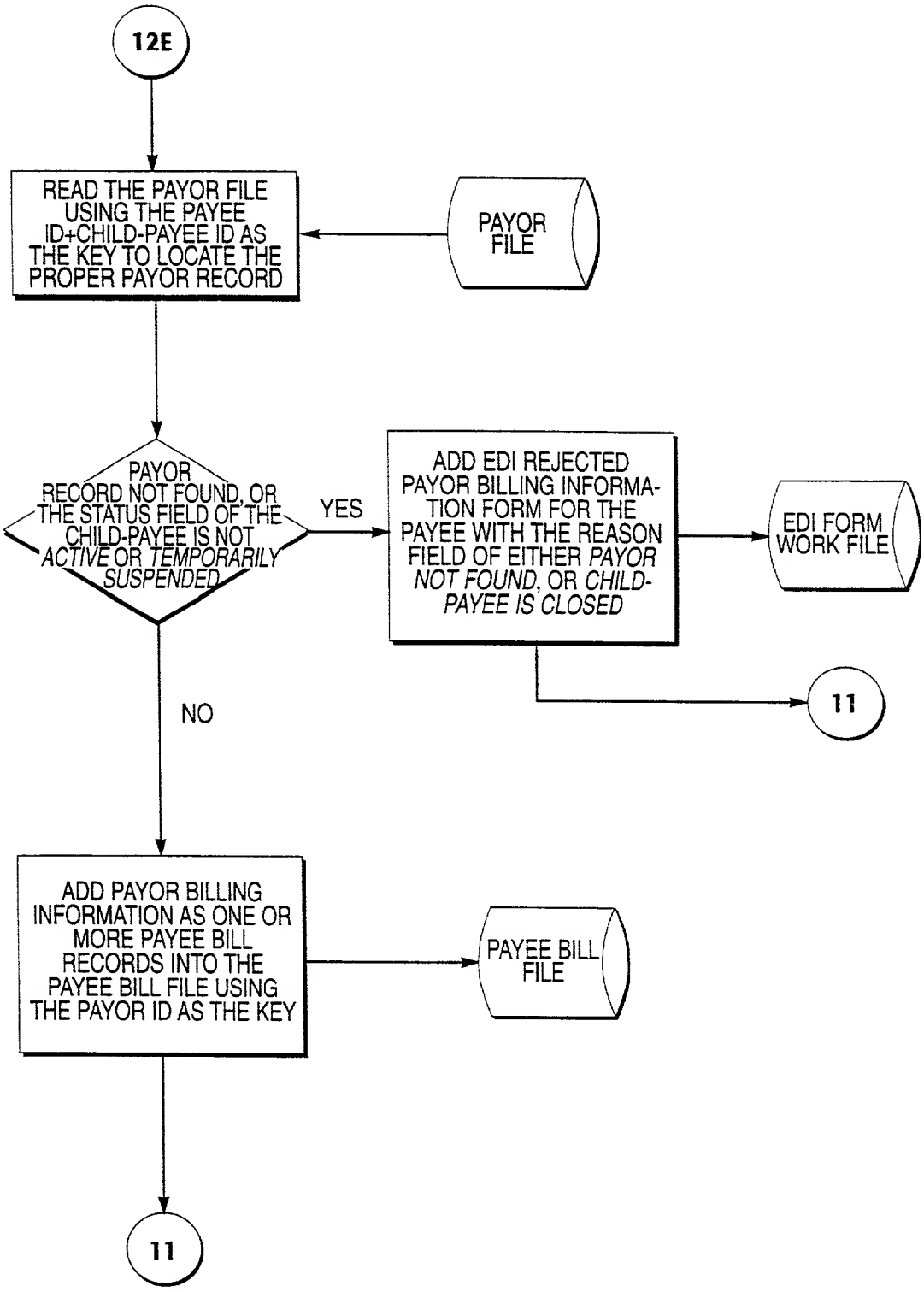

12E
READ THE PAYOR FILE USING THE PAYEE ID+CHILD-PAYEE ID AS THE KEY TO LOCATE THE PROPER PAYOR RECORD
PAYOR FILE
PAYOR RECORD NOT FOUND, OR THE STATUS FIELD OF THE CHILD-PAYEE IS NOT ACTIVE OR TEMPORARILY SUSPENDED
YES
ADD EDI REJECTED PAYOR BILLING INFORMATION FORM FOR THE PAYEE WITH THE REASON FIELD OF EITHER PAYOR NOT FOUND, OR CHILD-PAYEE IS CLOSED
EDI FORM WORK FILE
11
NO
ADD PAYOR BILLING INFORMATION AS ONE OR MORE PAYEE BILL RECORDS INTO THE PAYEE BILL FILE USING THE PAYOR ID AS THE KEY
PAYEE BILL FILE
11

FIG 12E

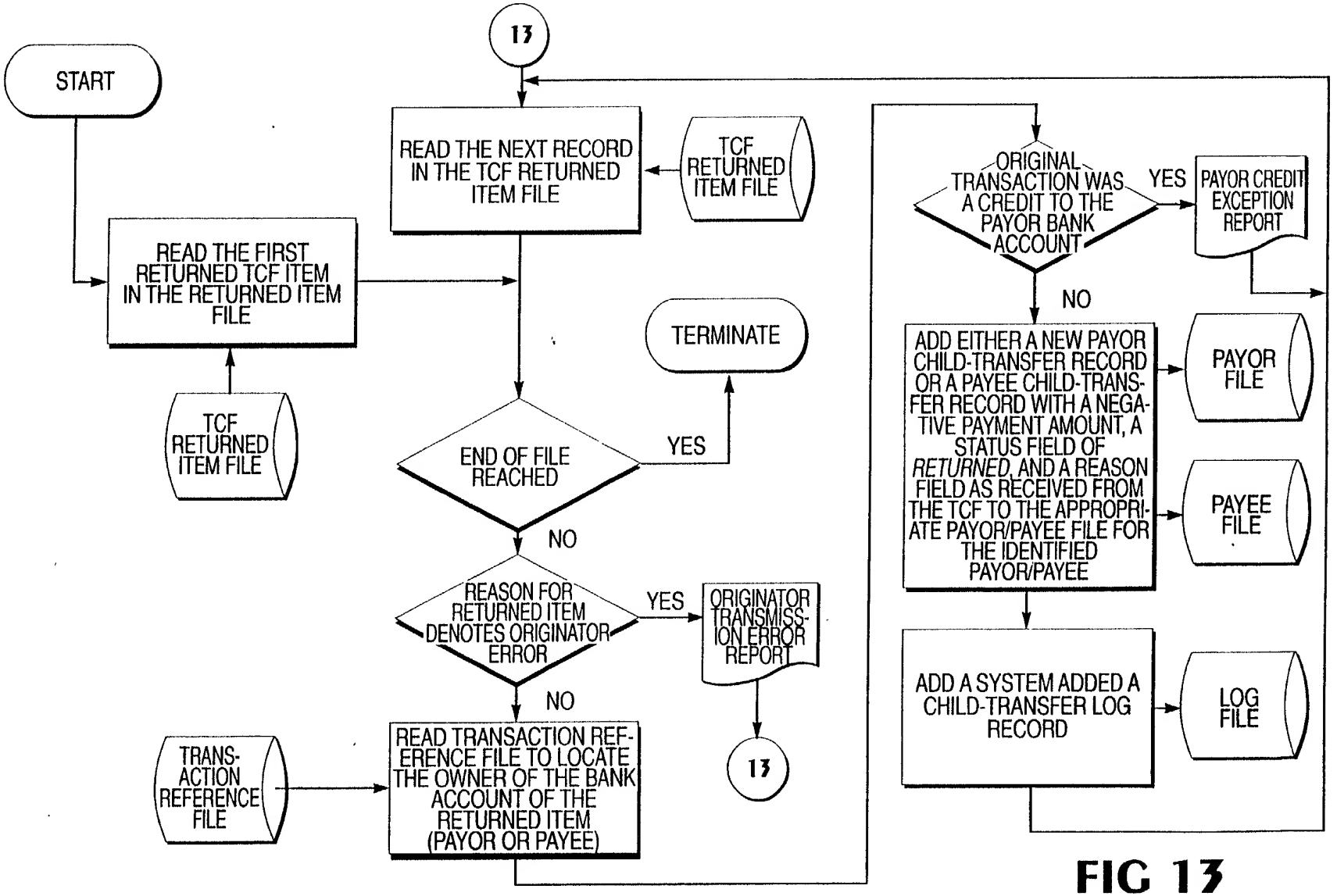

START
READ THE FIRST RETURNED TCF ITEM IN THE RETURNED ITEM FILE
TCF RETURNED ITEM FILE
13
READ THE NEXT RECORD IN THE TCF RETURNED ITEM FILE
TCF RETURNED ITEM FILE
END OF FILE REACHED
YES
TERMINATE
NO
REASON FOR RETURNED ITEM DENOTES ORIGINATOR ERROR
YES
ORIGINATOR TRANSMISSION ERROR REPORT
NO
13
TRANSACTION REFERENCE FILE
READ TRANSACTION REFERENCE FILE TO LOCATE THE OWNER OF THE BANK ACCOUNT OF THE RETURNED ITEM (PAYOR OR PAYEE)
ORIGINAL TRANSACTION WAS A CREDIT TO THE PAYOR BANK ACCOUNT
YES
PAYOR CREDIT EXCEPTION REPORT
NO
ADD EITHER A NEW PAYOR CHILD-TRANSFER RECORD OR A PAYEE CHILD-TRANSFER RECORD WITH A NEGATIVE PAYMENT AMOUNT, A STATUS FIELD OF *RETURNED*, AND A REASON FIELD AS RECEIVED FROM THE TCF TO THE APPROPRIATE PAYOR/PAYEE FILE FOR THE IDENTIFIED PAYOR/PAYEE
PAYOR FILE
PAYEE FILE
ADD A SYSTEM ADDED A CHILD-TRANSFER LOG RECORD
LOG FILE

FIG 13

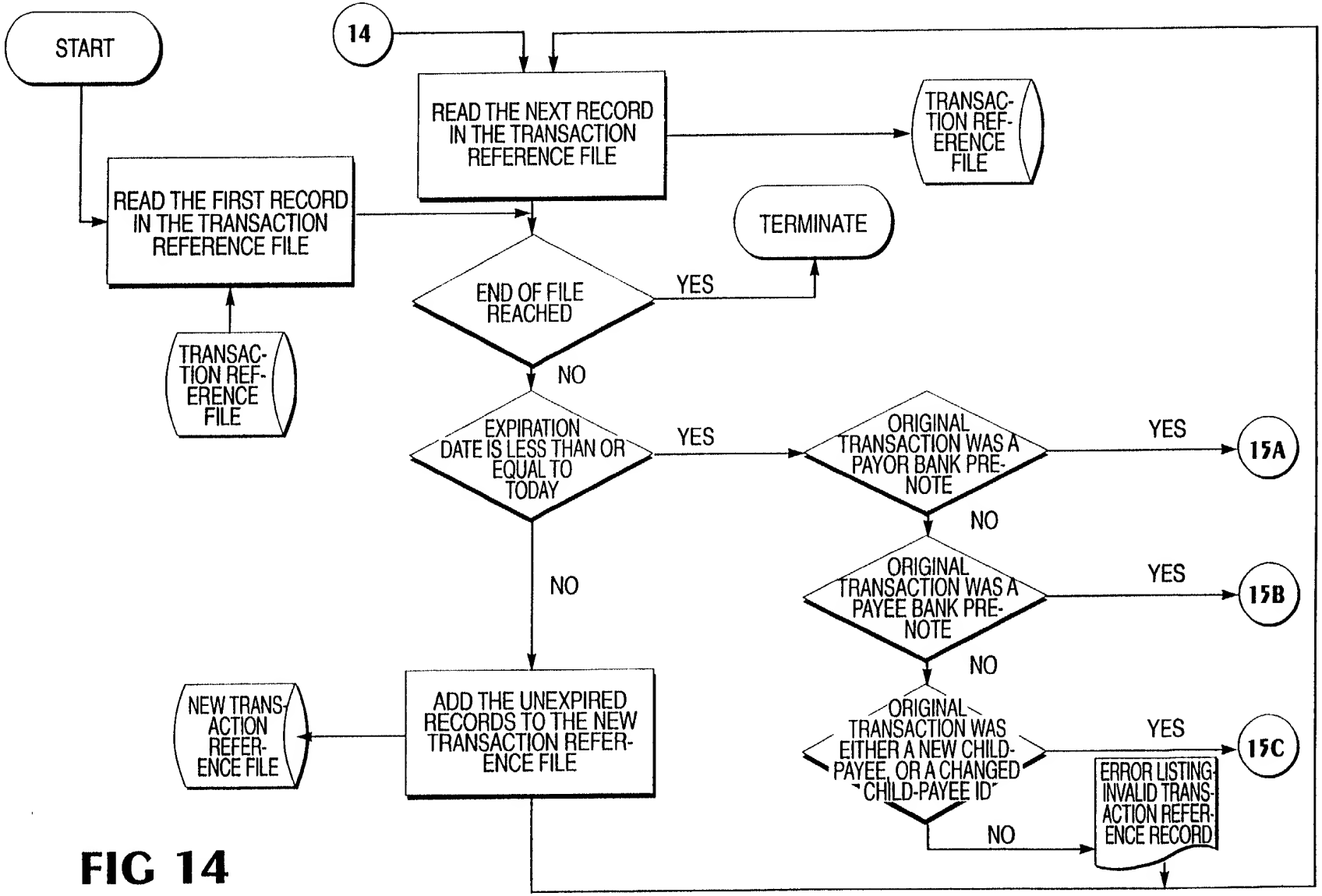
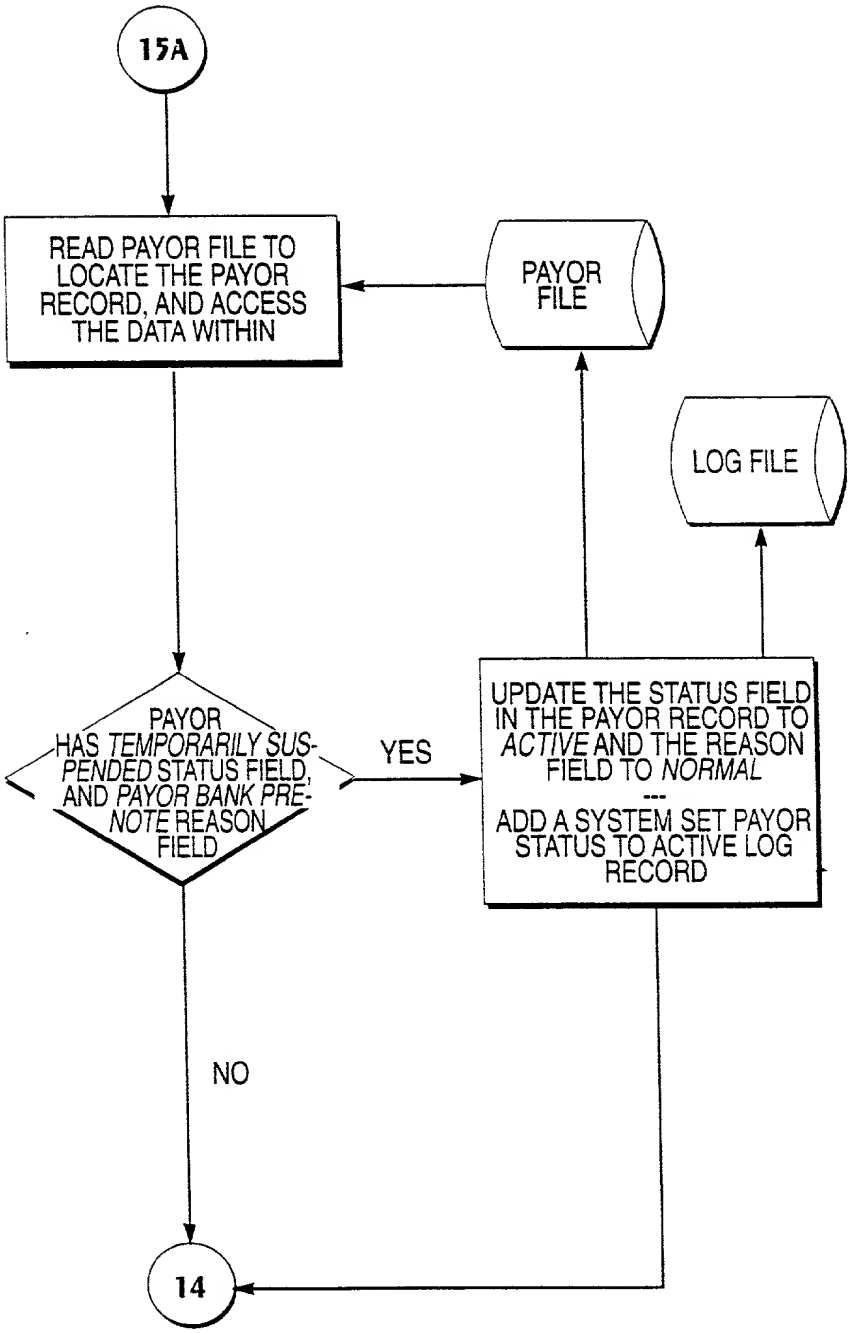
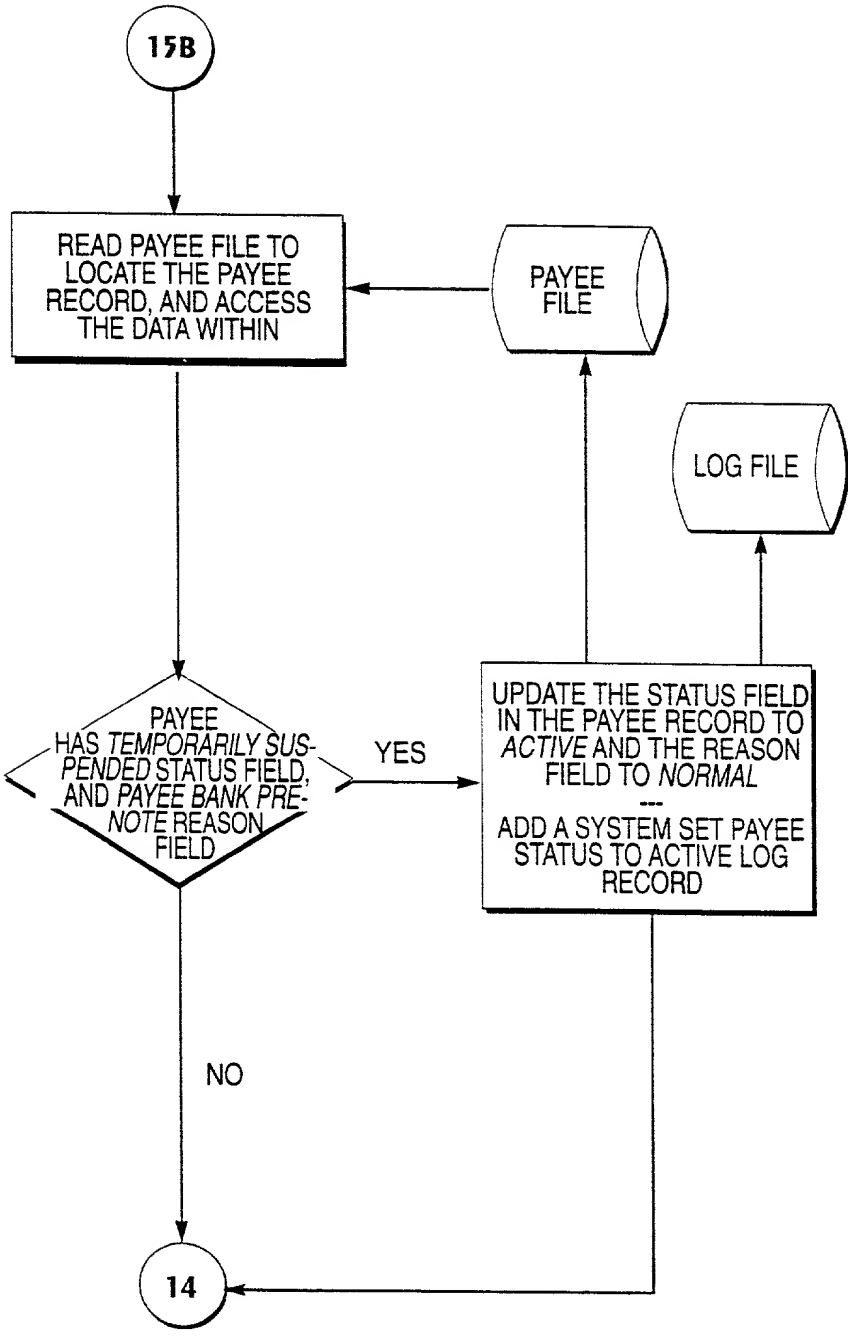

START
14
READ THE NEXT RECORD IN THE TRANSACTION REFERENCE FILE
TRANSAC-TION REF-ERENCE FILE
READ THE FIRST RECORD IN THE TRANSACTION REFERENCE FILE
TERMINATE
END OF FILE REACHED
YES
NO
TRANSAC-TION REF-ERENCE FILE
EXPIRATION DATE IS LESS THAN OR EQUAL TO TODAY
YES
ORIGINAL TRANSACTION WAS A PAYOR BANK PRE-NOTE
YES
15A
NO
ORIGINAL TRANSACTION WAS A PAYEE BANK PRE-NOTE
YES
15B
NO
NO
ADD THE UNEXPIRED RECORDS TO THE NEW TRANSACTION REFER-ENCE FILE
NEW TRANS-ACTION REFER-ENCE FILE
ORIGINAL TRANSACTION WAS EITHER A NEW CHILD-PAYEE, OR A CHANGED CHILD-PAYEE ID
YES
15C
NO
ERROR LISTING INVALID TRANS-ACTION REFER-ENCE RECORD

FIG 14


15A
READ PAYOR FILE TO LOCATE THE PAYOR RECORD, AND ACCESS THE DATA WITHIN
PAYOR FILE
LOG FILE
PAYOR HAS *TEMPORARILY SUSPENDED* STATUS FIELD, AND *PAYOR BANK PRENOTE* REASON FIELD
YES
UPDATE THE STATUS FIELD IN THE PAYOR RECORD TO *ACTIVE* AND THE REASON FIELD TO *NORMAL*

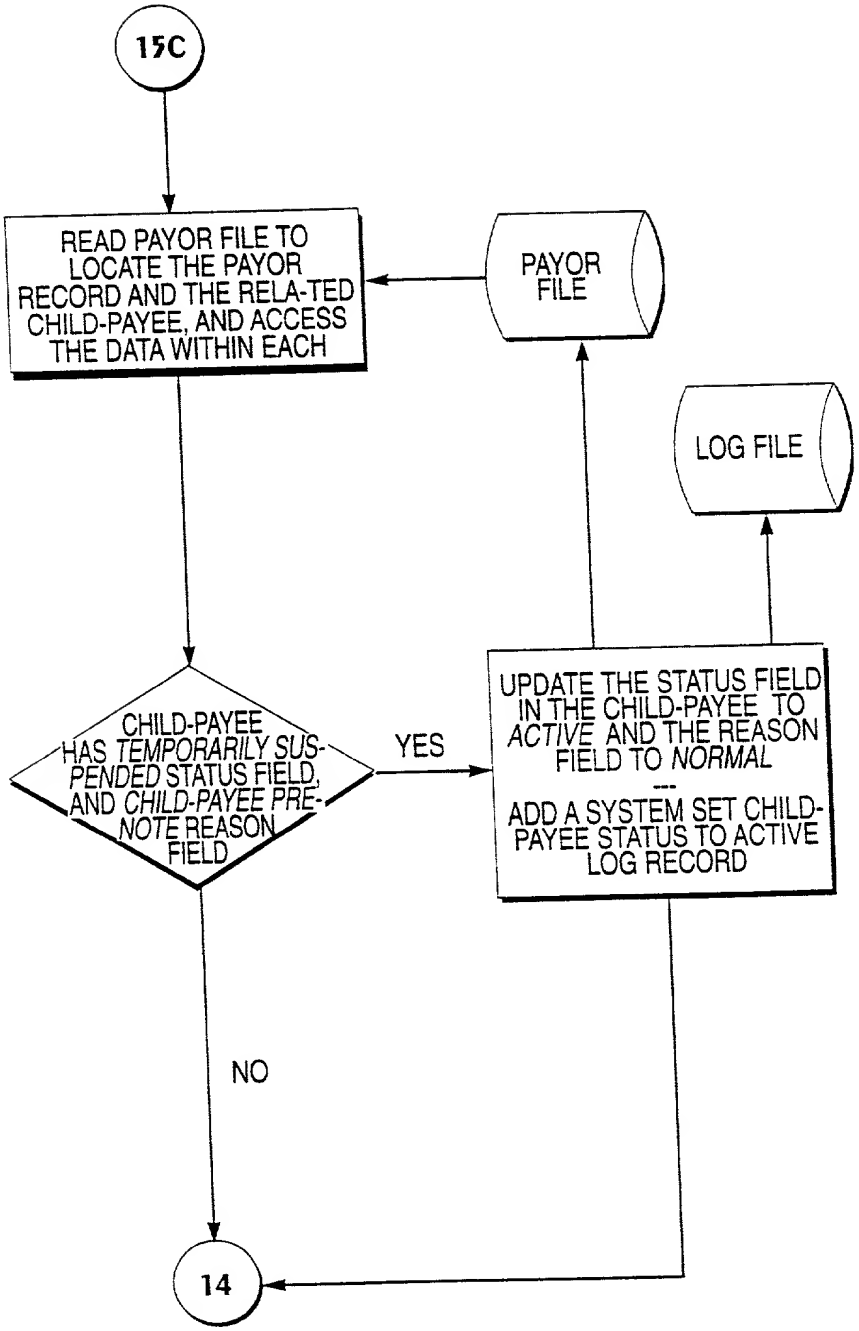
ADD A SYSTEM SET PAYOR STATUS TO ACTIVE LOG RECORD
NO
14

FIG 15A


15B
READ PAYEE FILE TO LOCATE THE PAYEE RECORD, AND ACCESS THE DATA WITHIN
PAYEE FILE
LOG FILE
PAYEE HAS *TEMPORARILY SUSPENDED* STATUS FIELD, AND *PAYEE BANK PRE-NOTE* REASON FIELD
YES
UPDATE THE STATUS FIELD IN THE PAYEE RECORD TO *ACTIVE* AND THE REASON FIELD TO *NORMAL*

ADD A SYSTEM SET PAYEE STATUS TO ACTIVE LOG RECORD
NO
14

FIG 15B


15C
READ PAYOR FILE TO LOCATE THE PAYOR RECORD AND THE RELA-TED CHILD-PAYEE, AND ACCESS THE DATA WITHIN EACH
PAYOR FILE
LOG FILE
CHILD-PAYEE HAS *TEMPORARILY SUS-PENDED* STATUS FIELD, AND *CHILD-PAYEE PRE-NOTE* REASON FIELD
YES
UPDATE THE STATUS FIELD IN THE CHILD-PAYEE TO *ACTIVE* AND THE REASON FIELD TO *NORMAL*

ADD A SYSTEM SET CHILD-PAYEE STATUS TO ACTIVE LOG RECORD
NO
14

FIG 15C

Docket: 5766960

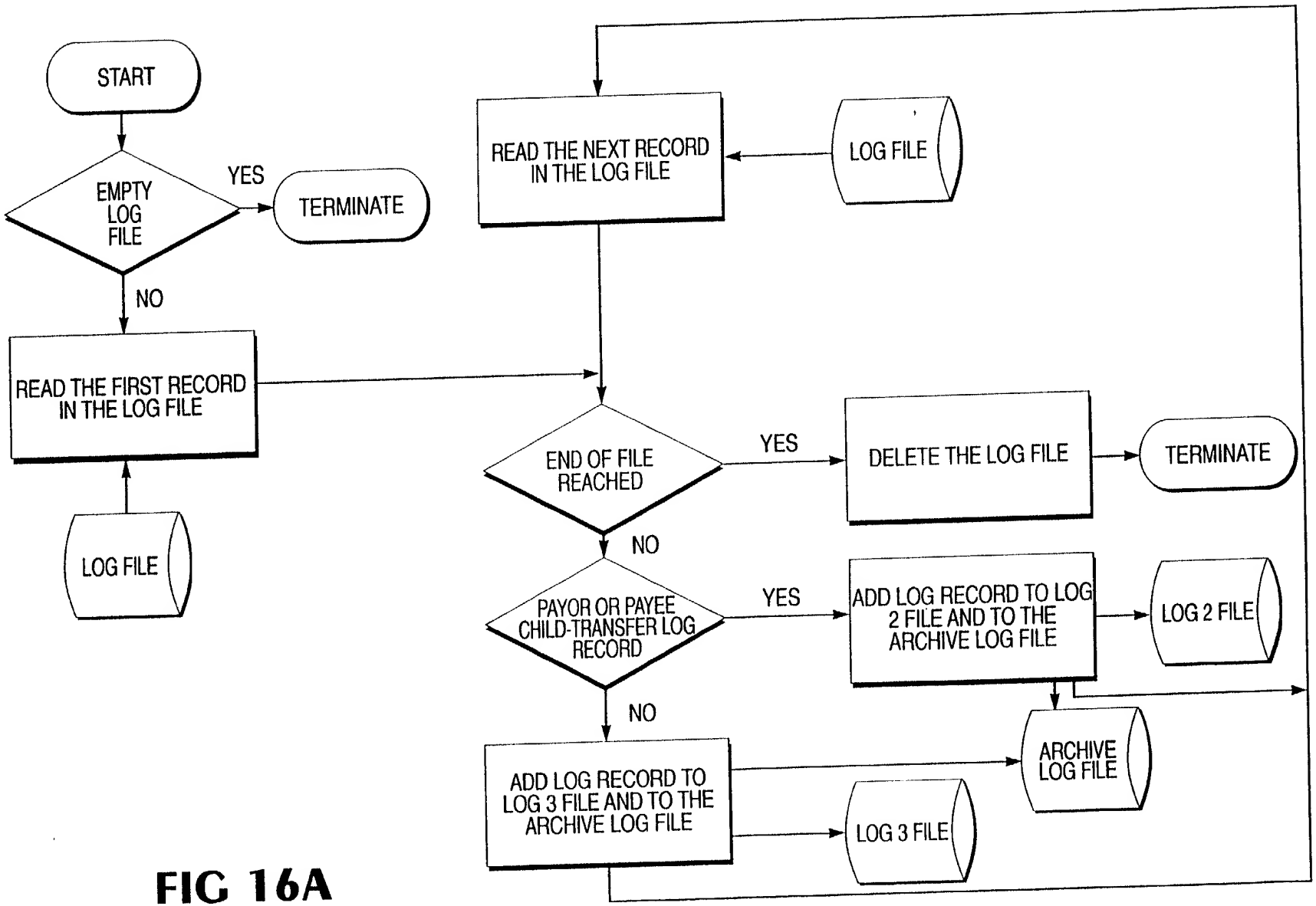


FIG 16A

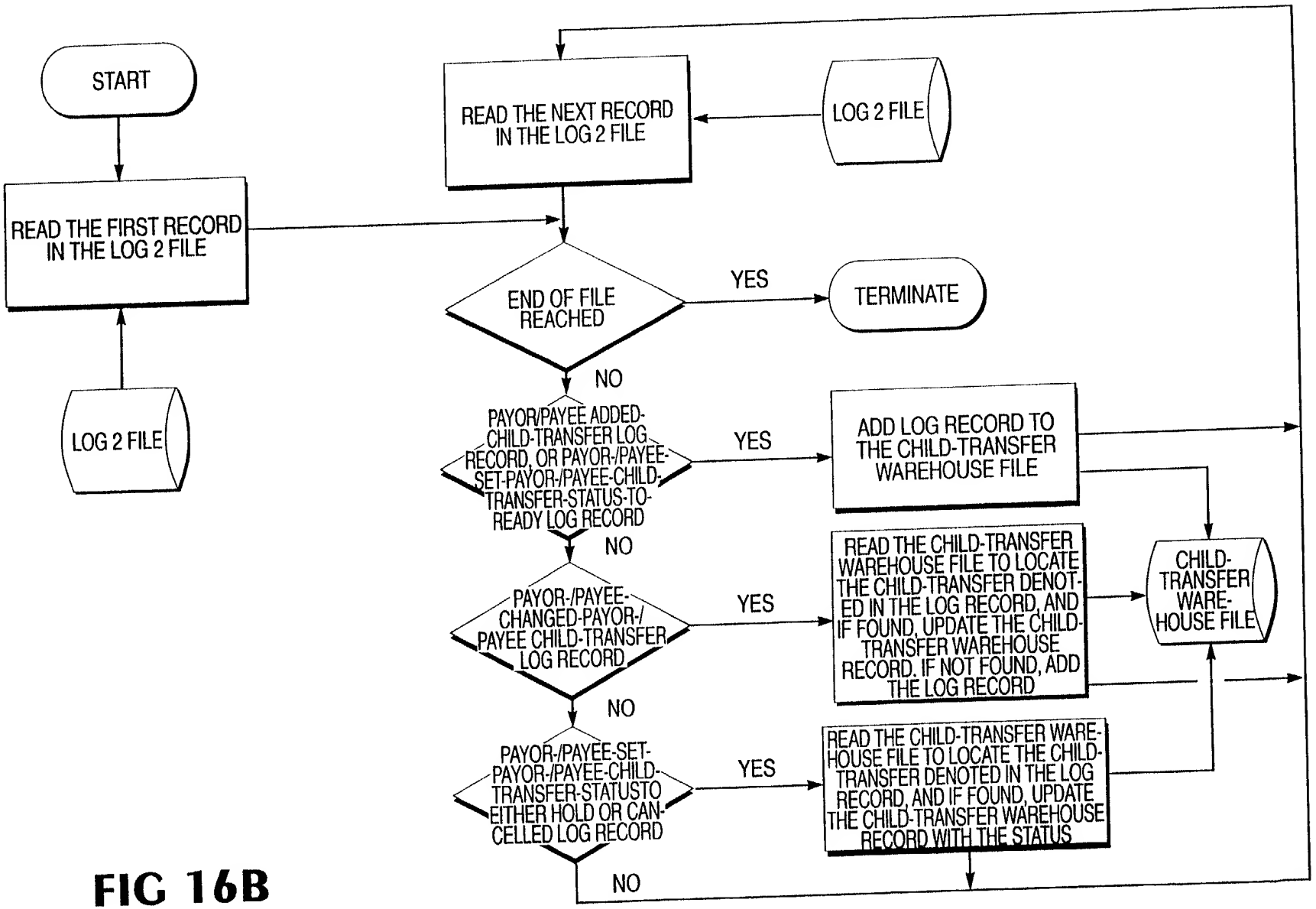

START
READ THE FIRST RECORD IN THE LOG 2 FILE
LOG 2 FILE
READ THE NEXT RECORD IN THE LOG 2 FILE
LOG 2 FILE
END OF FILE REACHED
YES
TERMINATE
NO
PAYOR/PAYEE ADDED-CHILD-TRANSFER LOG RECORD, OR PAYOR-/PAYEE-SET-PAYOR-/PAYEE-CHILD-TRANSFER-STATUS-TO-READY LOG RECORD
YES
ADD LOG RECORD TO THE CHILD-TRANSFER WAREHOUSE FILE
NO
PAYOR-/PAYEE-CHANGED-PAYOR-/PAYEE CHILD-TRANSFER LOG RECORD
YES
READ THE CHILD-TRANSFER WAREHOUSE FILE TO LOCATE THE CHILD-TRANSFER DENOTED IN THE LOG RECORD, AND IF FOUND, UPDATE THE CHILD-TRANSFER WAREHOUSE RECORD. IF NOT FOUND, ADD THE LOG RECORD
CHILD-TRANSFER WARE-HOUSE FILE
NO
PAYOR-/PAYEE-SET-PAYOR-/PAYEE-CHILD-TRANSFER-STATUSTO EITHER HOLD OR CANCELLED LOG RECORD
YES
READ THE CHILD-TRANSFER WAREHOUSE FILE TO LOCATE THE CHILD-TRANSFER DENOTED IN THE LOG RECORD, AND IF FOUND, UPDATE THE CHILD-TRANSFER WAREHOUSE RECORD WITH THE STATUS
NO

FIG 16B

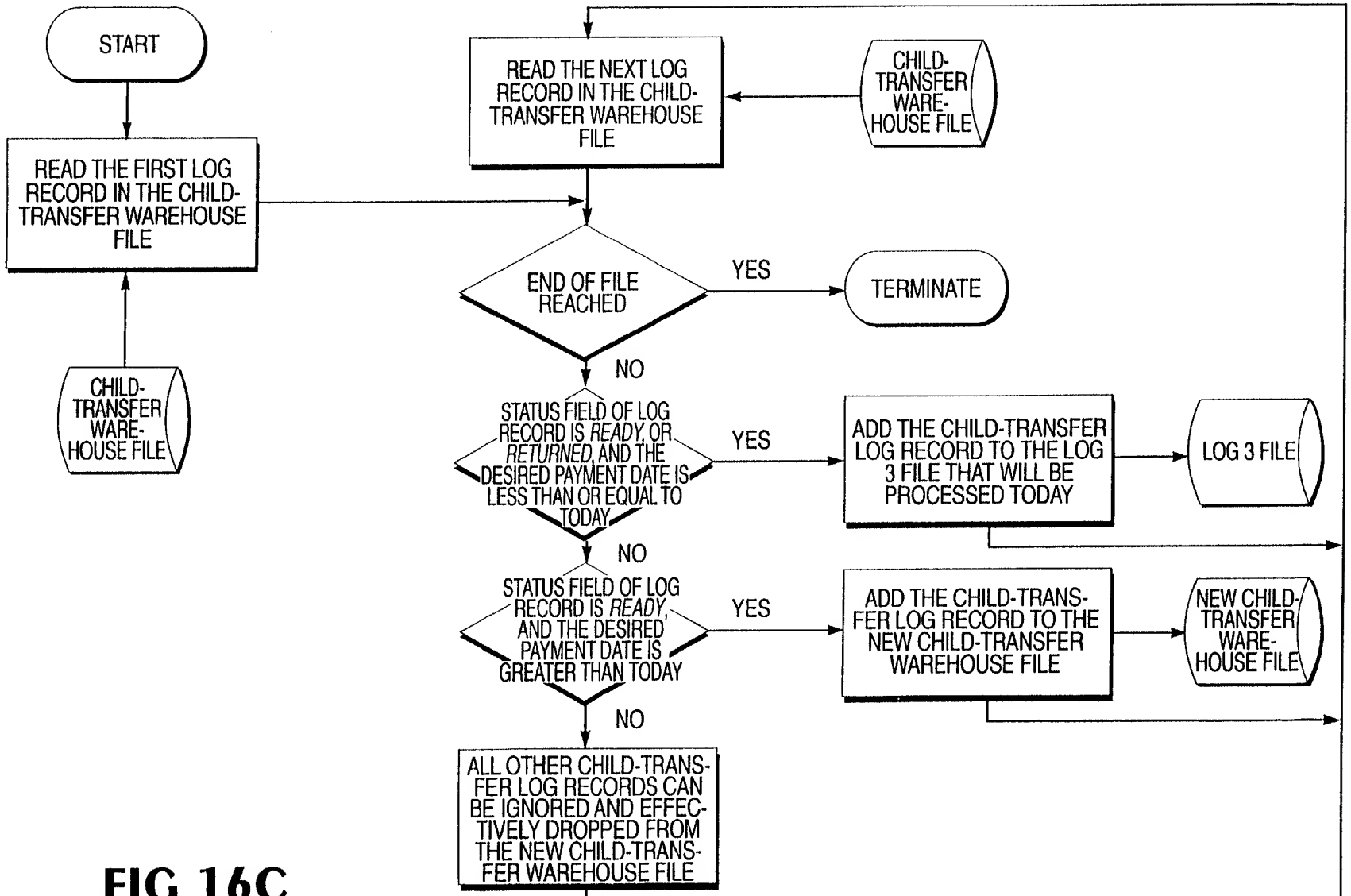

START
READ THE FIRST LOG RECORD IN THE CHILD-TRANSFER WAREHOUSE FILE
CHILD-TRANSFER WARE-HOUSE FILE
READ THE NEXT LOG RECORD IN THE CHILD-TRANSFER WAREHOUSE FILE
CHILD-TRANSFER WARE-HOUSE FILE
END OF FILE REACHED
YES
TERMINATE
NO
STATUS FIELD OF LOG RECORD IS READY, OR RETURNED, AND THE DESIRED PAYMENT DATE IS LESS THAN OR EQUAL TO TODAY
YES
ADD THE CHILD-TRANSFER LOG RECORD TO THE LOG 3 FILE THAT WILL BE PROCESSED TODAY
LOG 3 FILE
NO
STATUS FIELD OF LOG RECORD IS READY, AND THE DESIRED PAYMENT DATE IS GREATER THAN TODAY
YES
ADD THE CHILD-TRANS-FER LOG RECORD TO THE NEW CHILD-TRANSFER WAREHOUSE FILE
NEW CHILD-TRANSFER WARE-HOUSE FILE
NO
ALL OTHER CHILD-TRANS-FER LOG RECORDS CAN BE IGNORED AND EFFEC-TIVELY DROPPED FROM THE NEW CHILD-TRANS-FER WAREHOUSE FILE

FIG 16C

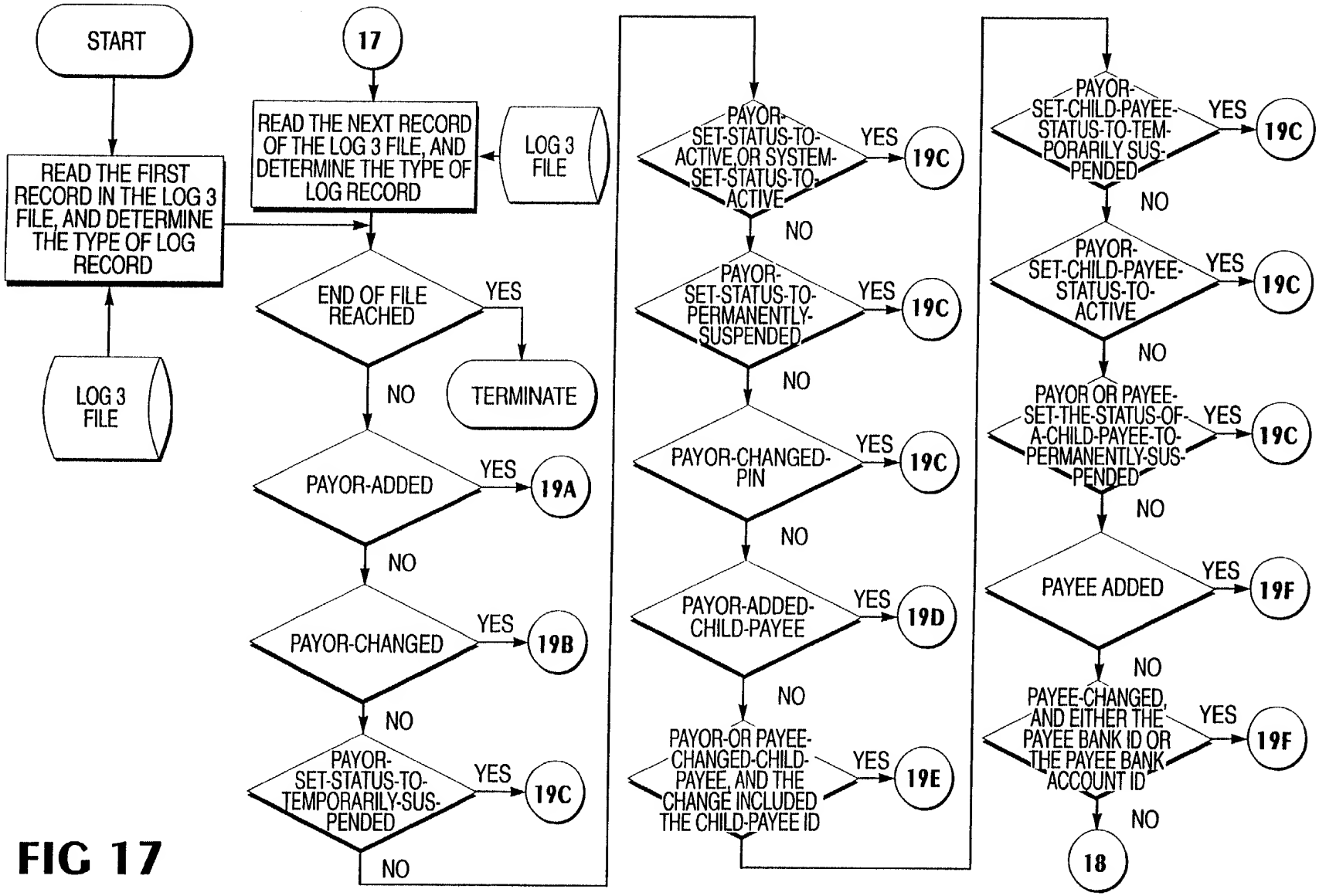

START
READ THE FIRST RECORD IN THE LOG 3 FILE, AND DETERMINE THE TYPE OF LOG RECORD
LOG 3 FILE
17
READ THE NEXT RECORD OF THE LOG 3 FILE, AND DETERMINE THE TYPE OF LOG RECORD
LOG 3 FILE
END OF FILE REACHED
YES
TERMINATE
NO
PAYOR-ADDED
YES
19A
NO
PAYOR-CHANGED
YES
19B
NO
PAYOR-SET-STATUS-TO-TEMPORARILY-SUS-PENDED
YES
19C
NO
PAYOR-SET-STATUS-TO-ACTIVE,OR SYSTEM-SET-STATUS-TO-ACTIVE
YES
19C
NO
PAYOR-SET-STATUS-TO-PERMANENTLY-SUSPENDED
YES
19C
NO
PAYOR-CHANGED-PIN
YES
19C
NO
PAYOR-ADDED-CHILD-PAYEE
YES
19D
NO
PAYOR-OR PAYEE-CHANGED-CHILD-PAYEE, AND THE CHANGE INCLUDED THE CHILD-PAYEE ID
YES
19E
PAYOR-SET-CHILD-PAYEE-STATUS-TO-TEM-PORARILY SUS-PENDED
YES
19C
NO
PAYOR-SET-CHILD-PAYEE-STATUS-TO-ACTIVE
YES
19C
NO
PAYOR OR PAYEE-SET-THE-STATUS-OF-A-CHILD-PAYEE-TO-PERMANENTLY-SUS-PENDED
YES
19C
NO
PAYEE ADDED
YES
19F
NO
PAYEE-CHANGED, AND EITHER THE PAYEE BANK ID OR THE PAYEE BANK ACCOUNT ID
YES
19F
NO
18

FIG 17

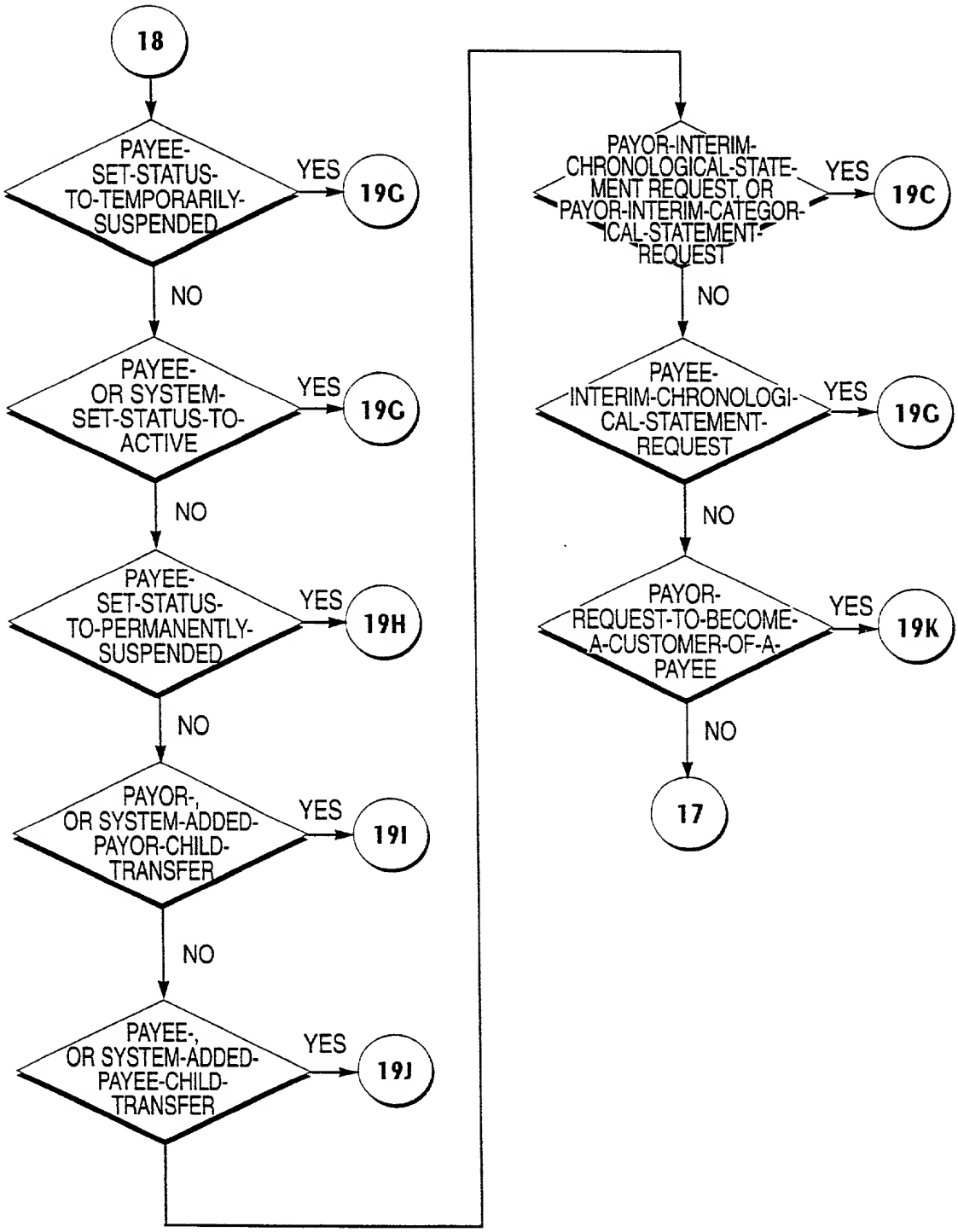

18
PAYEE-SET-STATUS-TO-TEMPORARILY-SUSPENDED
YES
19G
NO
PAYEE-OR SYSTEM-SET-STATUS-TO-ACTIVE
YES
19G
NO
PAYEE-SET-STATUS-TO-PERMANENTLY-SUSPENDED
YES
19H
NO
PAYOR-, OR SYSTEM-ADDED-PAYOR-CHILD-TRANSFER
YES
19I
NO
PAYEE-, OR SYSTEM-ADDED-PAYEE-CHILD-TRANSFER
YES
19J
PAYOR-INTERIM-CHRONOLOGICAL-STATEMENT REQUEST, OR PAYOR-INTERIM-CATEGORICAL-STATEMENT-REQUEST
YES
19C
NO
PAYEE-INTERIM-CHRONOLOGICAL-STATEMENT-REQUEST
YES
19G
NO
PAYOR-REQUEST-TO-BECOME-A-CUSTOMER-OF-A-PAYEE
YES
19K
NO
17

FIG 18

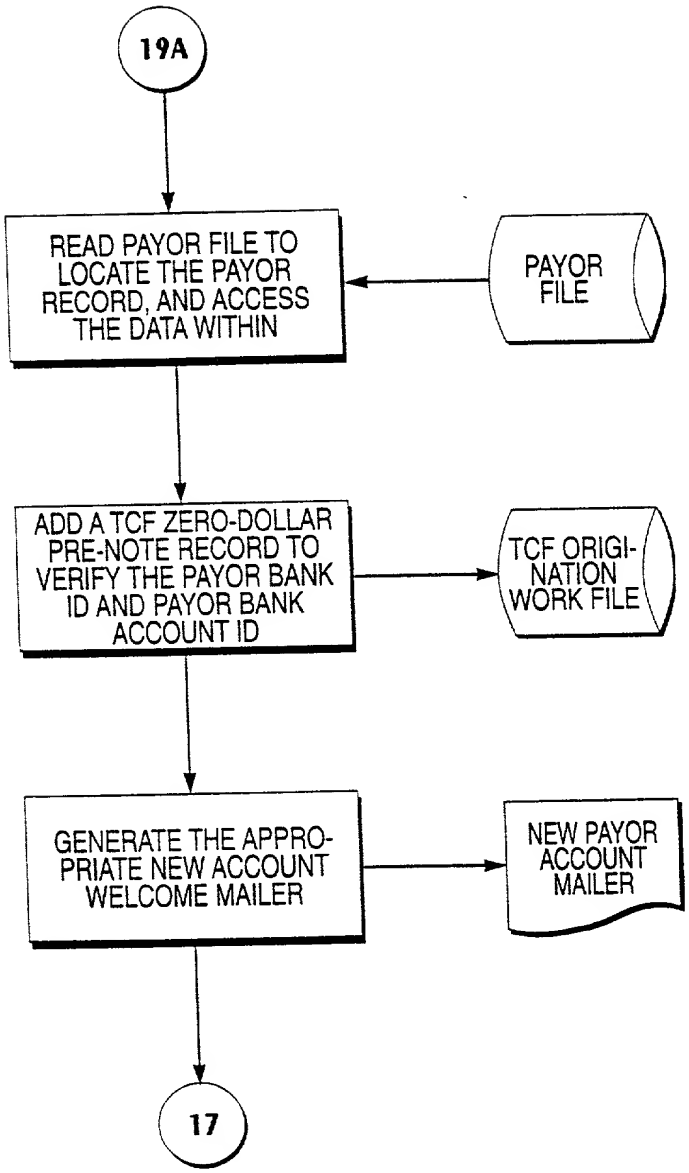

19A
READ PAYOR FILE TO LOCATE THE PAYOR RECORD, AND ACCESS THE DATA WITHIN
PAYOR FILE
ADD A TCF ZERO-DOLLAR PRE-NOTE RECORD TO VERIFY THE PAYOR BANK ID AND PAYOR BANK ACCOUNT ID
TCF ORIGI-NATION WORK FILE
GENERATE THE APPRO-PRIATE NEW ACCOUNT WELCOME MAILER
NEW PAYOR ACCOUNT MAILER
17

FIG 19A

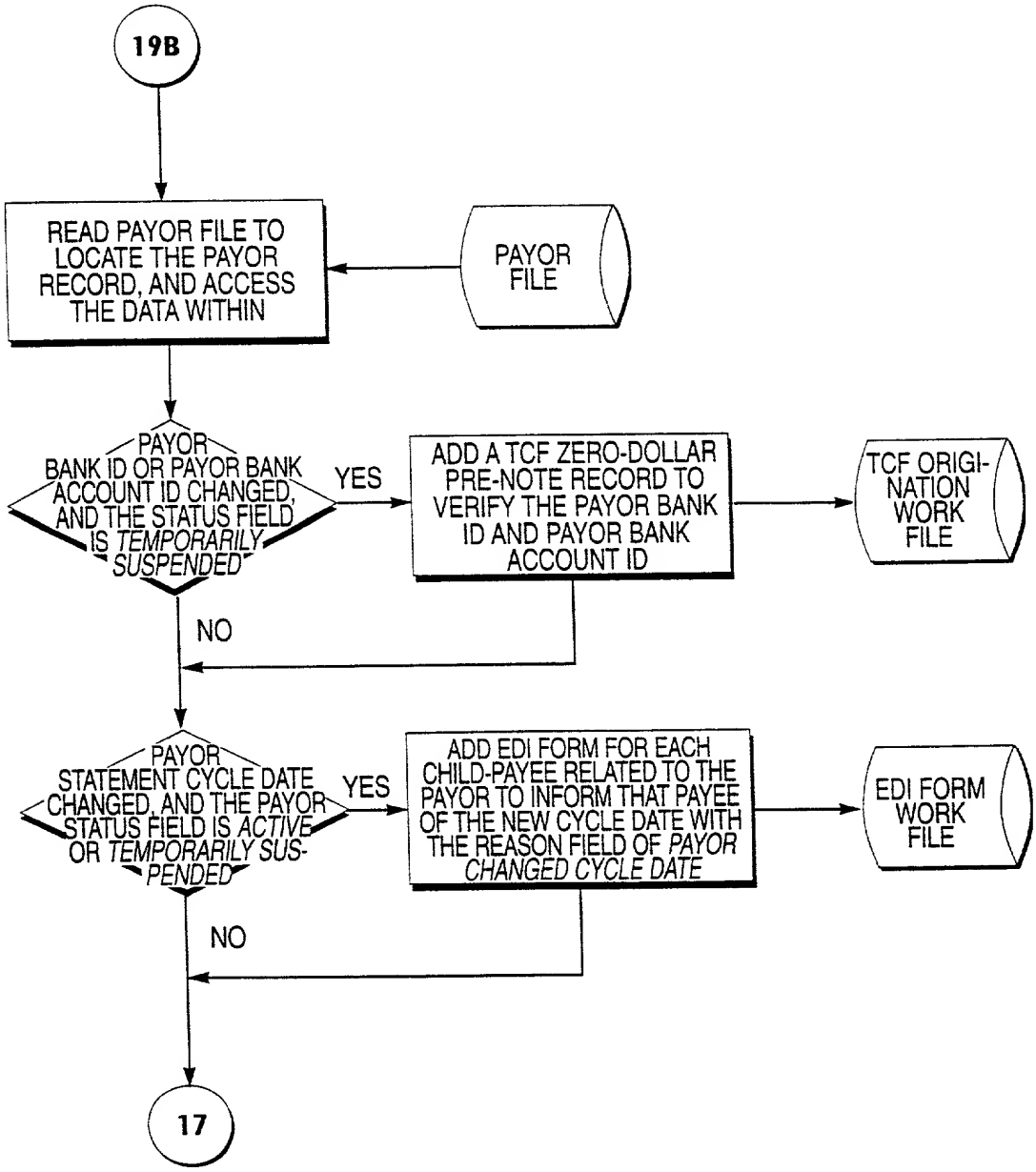

19B
READ PAYOR FILE TO LOCATE THE PAYOR RECORD, AND ACCESS THE DATA WITHIN
PAYOR FILE
PAYOR BANK ID OR PAYOR BANK ACCOUNT ID CHANGED, AND THE STATUS FIELD IS TEMPORARILY SUSPENDED
YES
ADD A TCF ZERO-DOLLAR PRE-NOTE RECORD TO VERIFY THE PAYOR BANK ID AND PAYOR BANK ACCOUNT ID
TCF ORIGI-NATION WORK FILE
NO
PAYOR STATEMENT CYCLE DATE CHANGED, AND THE PAYOR STATUS FIELD IS ACTIVE OR TEMPORARILY SUS-PENDED
YES
ADD EDI FORM FOR EACH CHILD-PAYEE RELATED TO THE PAYOR TO INFORM THAT PAYEE OF THE NEW CYCLE DATE WITH THE REASON FIELD OF PAYOR CHANGED CYCLE DATE
EDI FORM WORK FILE
NO
17

FIG 19B

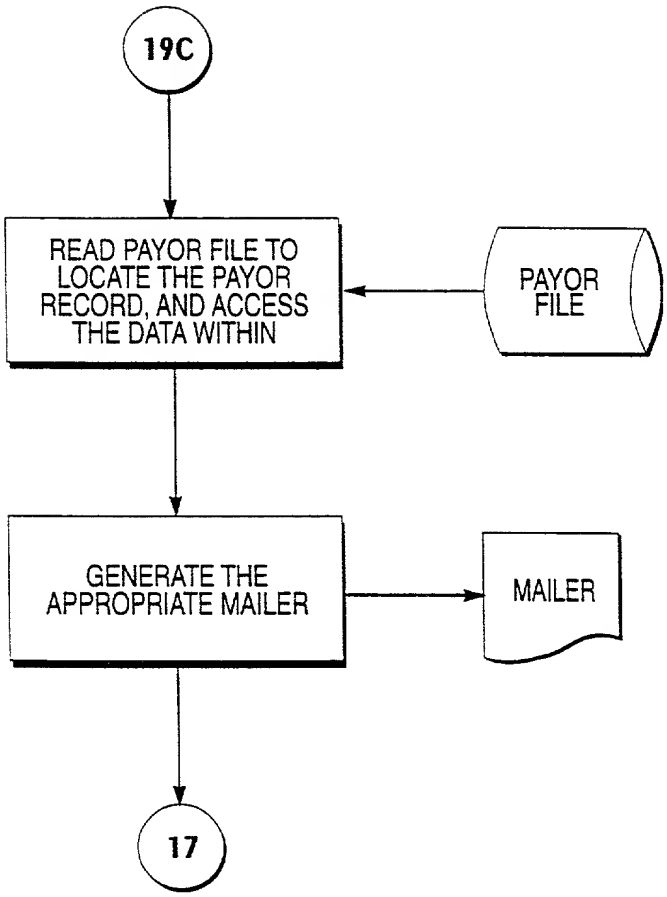

19C
READ PAYOR FILE TO LOCATE THE PAYOR RECORD, AND ACCESS THE DATA WITHIN
PAYOR FILE
GENERATE THE APPROPRIATE MAILER
MAILER
17

FIG 19C

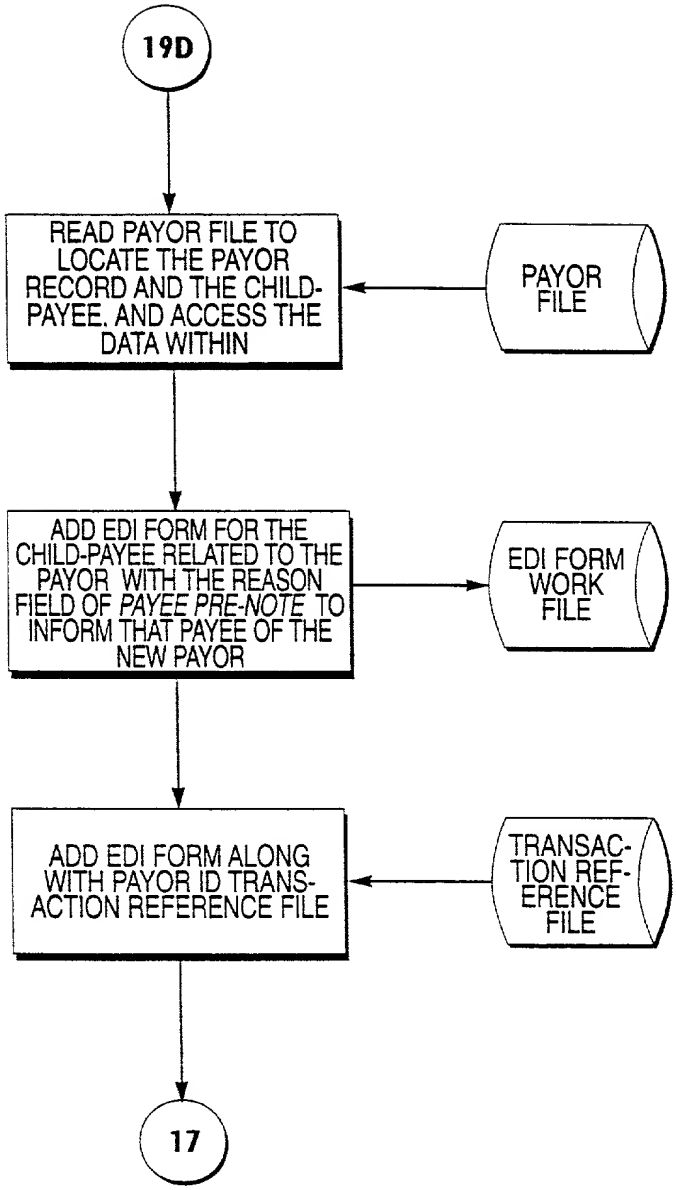

19D
READ PAYOR FILE TO LOCATE THE PAYOR RECORD AND THE CHILD-PAYEE, AND ACCESS THE DATA WITHIN
PAYOR FILE
ADD EDI FORM FOR THE CHILD-PAYEE RELATED TO THE PAYOR WITH THE REASON FIELD OF *PAYEE PRE-NOTE* TO INFORM THAT PAYEE OF THE NEW PAYOR
EDI FORM WORK FILE
ADD EDI FORM ALONG WITH PAYOR ID TRANS-ACTION REFERENCE FILE
TRANSAC-TION REF-ERENCE FILE
17

FIG 19D

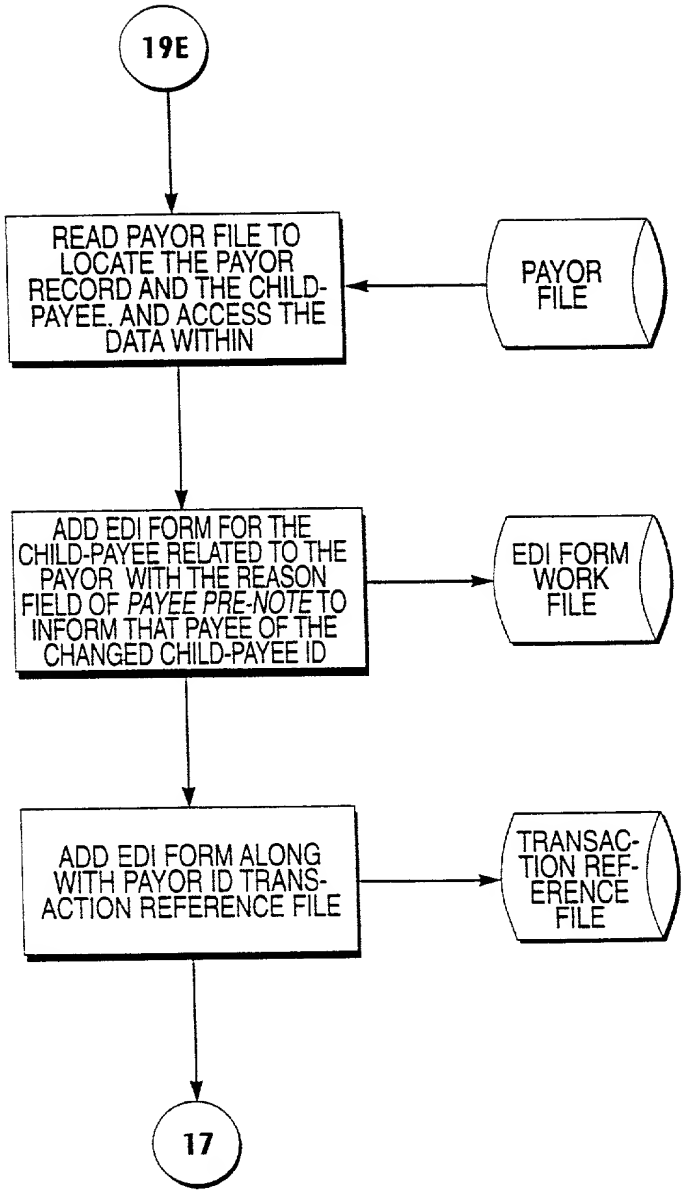

19E
READ PAYOR FILE TO LOCATE THE PAYOR RECORD AND THE CHILD-PAYEE. AND ACCESS THE DATA WITHIN
PAYOR FILE
ADD EDI FORM FOR THE CHILD-PAYEE RELATED TO THE PAYOR WITH THE REASON FIELD OF *PAYEE PRE-NOTE* TO INFORM THAT PAYEE OF THE CHANGED CHILD-PAYEE ID
EDI FORM WORK FILE
ADD EDI FORM ALONG WITH PAYOR ID TRANS-ACTION REFERENCE FILE
TRANSAC-TION REF-ERENCE FILE
17

FIG 19E

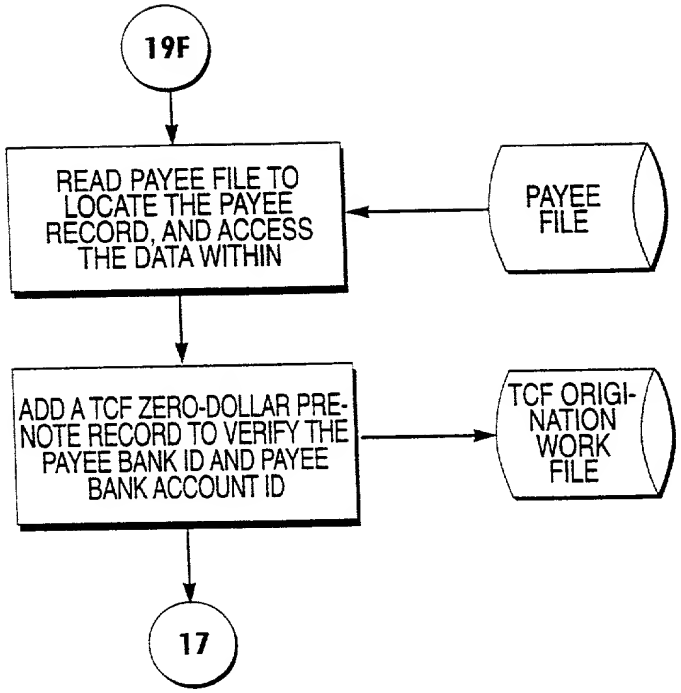


FIG 19F

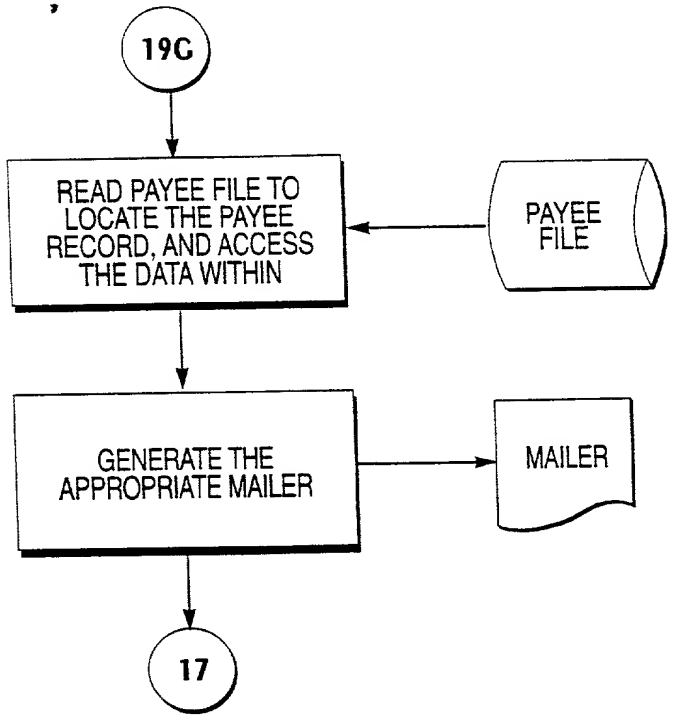


FIG 19G

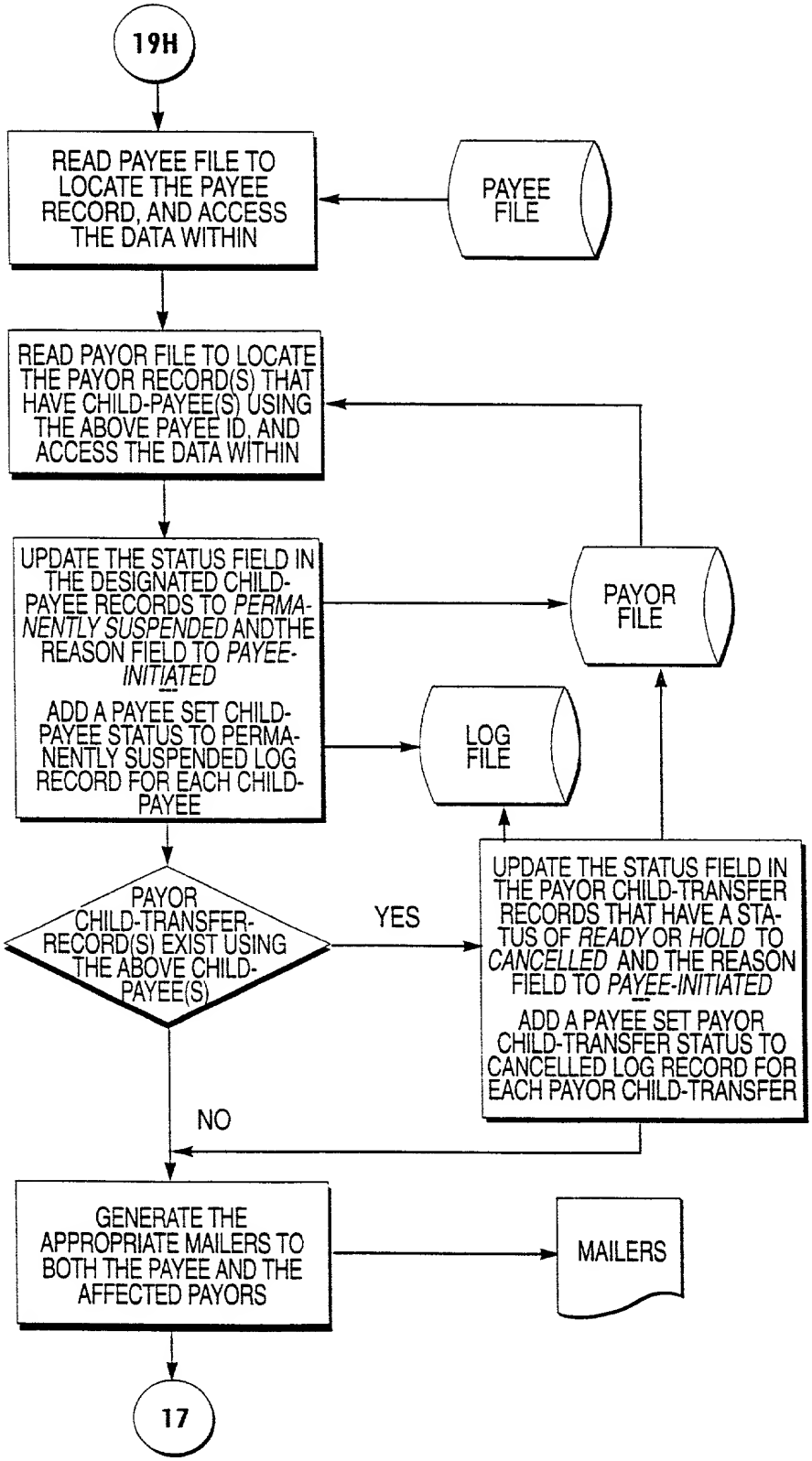

19H
READ PAYEE FILE TO LOCATE THE PAYEE RECORD, AND ACCESS THE DATA WITHIN
PAYEE FILE
READ PAYOR FILE TO LOCATE THE PAYOR RECORD(S) THAT HAVE CHILD-PAYEE(S) USING THE ABOVE PAYEE ID, AND ACCESS THE DATA WITHIN
UPDATE THE STATUS FIELD IN THE DESIGNATED CHILD-PAYEE RECORDS TO *PERMANENTLY SUSPENDED* ANDTHE REASON FIELD TO *PAYEE-INITIATED*
ADD A PAYEE SET CHILD-PAYEE STATUS TO PERMANENTLY SUSPENDED LOG RECORD FOR EACH CHILD-PAYEE
PAYOR FILE
LOG FILE
PAYOR CHILD-TRANSFER-RECORD(S) EXIST USING THE ABOVE CHILD-PAYEE(S)
YES
UPDATE THE STATUS FIELD IN THE PAYOR CHILD-TRANSFER RECORDS THAT HAVE A STATUS OF *READY* OR *HOLD* TO *CANCELLED* AND THE REASON FIELD TO *PAYEE-INITIATED*
ADD A PAYEE SET PAYOR CHILD-TRANSFER STATUS TO CANCELLED LOG RECORD FOR EACH PAYOR CHILD-TRANSFER
NO
GENERATE THE APPROPRIATE MAILERS TO BOTH THE PAYEE AND THE AFFECTED PAYORS
MAILERS
17

FIG 19H

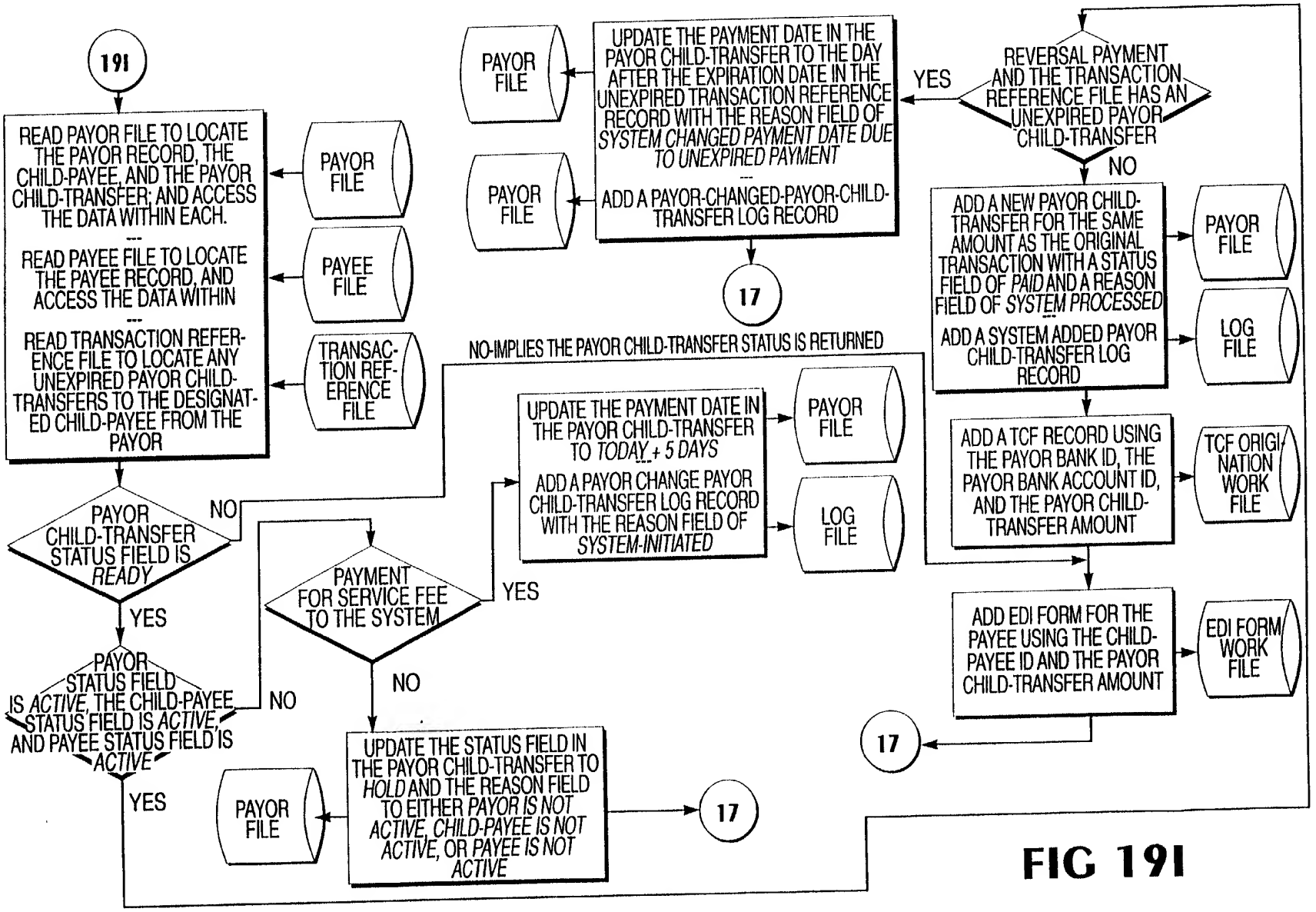
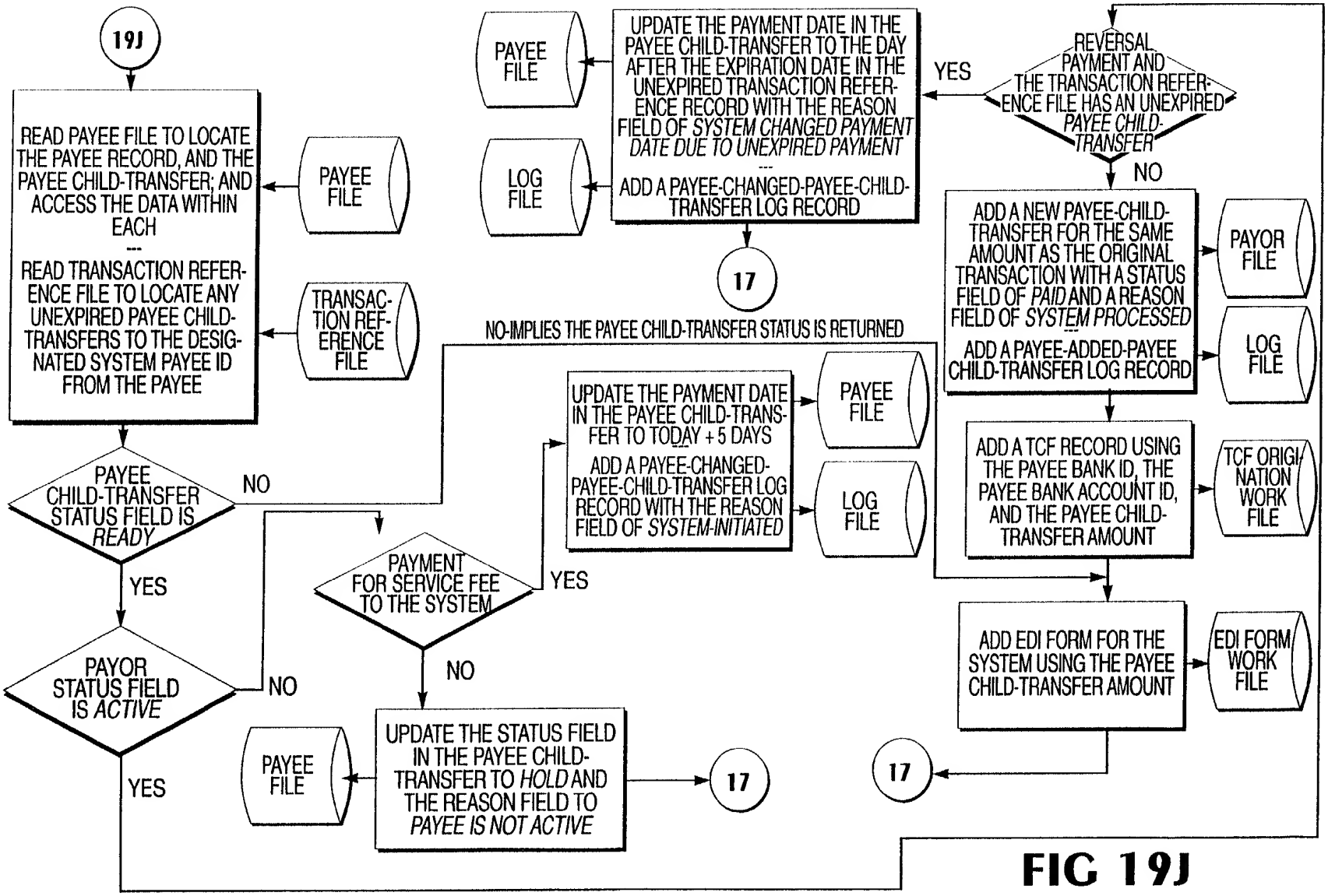

191
READ PAYOR FILE TO LOCATE THE PAYOR RECORD, THE CHILD-PAYEE, AND THE PAYOR CHILD-TRANSFER; AND ACCESS THE DATA WITHIN EACH.
READ PAYEE FILE TO LOCATE THE PAYEE RECORD, AND ACCESS THE DATA WITHIN
READ TRANSACTION REFERENCE FILE TO LOCATE ANY UNEXPIRED PAYOR CHILD-TRANSFERS TO THE DESIGNATED CHILD-PAYEE FROM THE PAYOR
PAYOR FILE
PAYEE FILE
TRANSACTION REFERENCE FILE
PAYOR CHILD-TRANSFER STATUS FIELD IS READY
NO
YES
PAYOR STATUS FIELD IS ACTIVE, THE CHILD-PAYEE STATUS FIELD IS ACTIVE, AND PAYEE STATUS FIELD IS ACTIVE
NO
YES
PAYMENT FOR SERVICE FEE TO THE SYSTEM
YES
NO
UPDATE THE STATUS FIELD IN THE PAYOR CHILD-TRANSFER TO HOLD AND THE REASON FIELD TO EITHER PAYOR IS NOT ACTIVE, CHILD-PAYEE IS NOT ACTIVE, OR PAYEE IS NOT ACTIVE
PAYOR FILE
17
NO-IMPLIES THE PAYOR CHILD-TRANSFER STATUS IS RETURNED
UPDATE THE PAYMENT DATE IN THE PAYOR CHILD-TRANSFER TO TODAY + 5 DAYS
ADD A PAYOR CHANGE PAYOR CHILD-TRANSFER LOG RECORD WITH THE REASON FIELD OF SYSTEM-INITIATED
PAYOR FILE
LOG FILE
REVERSAL PAYMENT AND THE TRANSACTION REFERENCE FILE HAS AN UNEXPIRED PAYOR CHILD-TRANSFER
YES
NO
UPDATE THE PAYMENT DATE IN THE PAYOR CHILD-TRANSFER TO THE DAY AFTER THE EXPIRATION DATE IN THE UNEXPIRED TRANSACTION REFERENCE RECORD WITH THE REASON FIELD OF SYSTEM CHANGED PAYMENT DATE DUE TO UNEXPIRED PAYMENT
ADD A PAYOR-CHANGED-PAYOR-CHILD-TRANSFER LOG RECORD
PAYOR FILE
PAYOR FILE
17
ADD A NEW PAYOR CHILD-TRANSFER FOR THE SAME AMOUNT AS THE ORIGINAL TRANSACTION WITH A STATUS FIELD OF PAID AND A REASON FIELD OF SYSTEM PROCESSED
ADD A SYSTEM ADDED PAYOR CHILD-TRANSFER LOG RECORD
PAYOR FILE
LOG FILE
ADD A TCF RECORD USING THE PAYOR BANK ID, THE PAYOR BANK ACCOUNT ID, AND THE PAYOR CHILD-TRANSFER AMOUNT
TCF ORIGINATION WORK FILE
ADD EDI FORM FOR THE PAYEE USING THE CHILD-PAYEE ID AND THE PAYOR CHILD-TRANSFER AMOUNT
EDI FORM WORK FILE
17

FIG 19I


19J
READ PAYEE FILE TO LOCATE THE PAYEE RECORD, AND THE PAYEE CHILD-TRANSFER; AND ACCESS THE DATA WITHIN EACH

READ TRANSACTION REFERENCE FILE TO LOCATE ANY UNEXPIRED PAYEE CHILD-TRANSFERS TO THE DESIGNATED SYSTEM PAYEE ID FROM THE PAYEE
PAYEE FILE
TRANSACTION REFERENCE FILE
PAYEE CHILD-TRANSFER STATUS FIELD IS READY
NO
YES
PAYOR STATUS FIELD IS ACTIVE
NO
YES
PAYMENT FOR SERVICE FEE TO THE SYSTEM
YES
NO
UPDATE THE PAYMENT DATE IN THE PAYEE CHILD-TRANSFER TO TODAY + 5 DAYS

ADD A PAYEE-CHANGED-PAYEE-CHILD-TRANSFER LOG RECORD WITH THE REASON FIELD OF SYSTEM-INITIATED
PAYEE FILE
LOG FILE
UPDATE THE STATUS FIELD IN THE PAYEE CHILD-TRANSFER TO HOLD AND THE REASON FIELD TO PAYEE IS NOT ACTIVE
PAYEE FILE
17
NO-IMPLIES THE PAYEE CHILD-TRANSFER STATUS IS RETURNED
UPDATE THE PAYMENT DATE IN THE PAYEE CHILD-TRANSFER TO THE DAY AFTER THE EXPIRATION DATE IN THE UNEXPIRED TRANSACTION REFERENCE RECORD WITH THE REASON FIELD OF SYSTEM CHANGED PAYMENT DATE DUE TO UNEXPIRED PAYMENT

ADD A PAYEE-CHANGED-PAYEE-CHILD-TRANSFER LOG RECORD
PAYEE FILE
LOG FILE
17
REVERSAL PAYMENT AND THE TRANSACTION REFERENCE FILE HAS AN UNEXPIRED PAYEE CHILD-TRANSFER
YES
NO
ADD A NEW PAYEE-CHILD-TRANSFER FOR THE SAME AMOUNT AS THE ORIGINAL TRANSACTION WITH A STATUS FIELD OF PAID AND A REASON FIELD OF SYSTEM PROCESSED

ADD A PAYEE-ADDED-PAYEE CHILD-TRANSFER LOG RECORD
PAYOR FILE
LOG FILE
ADD A TCF RECORD USING THE PAYEE BANK ID, THE PAYEE BANK ACCOUNT ID, AND THE PAYEE CHILD-TRANSFER AMOUNT
TCF ORIGINATION WORK FILE
ADD EDI FORM FOR THE SYSTEM USING THE PAYEE CHILD-TRANSFER AMOUNT
EDI FORM WORK FILE
17

FIG 19J

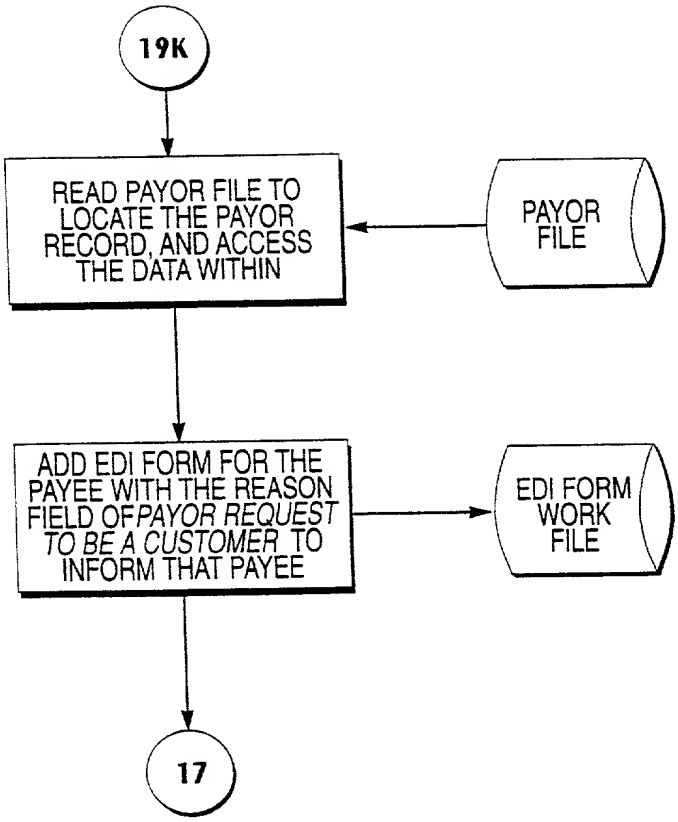

19K
READ PAYOR FILE TO LOCATE THE PAYOR RECORD, AND ACCESS THE DATA WITHIN
PAYOR FILE
ADD EDI FORM FOR THE PAYEE WITH THE REASON FIELD OF *PAYOR REQUEST TO BE A CUSTOMER* TO INFORM THAT PAYEE
EDI FORM WORK FILE
17

FIG 19K

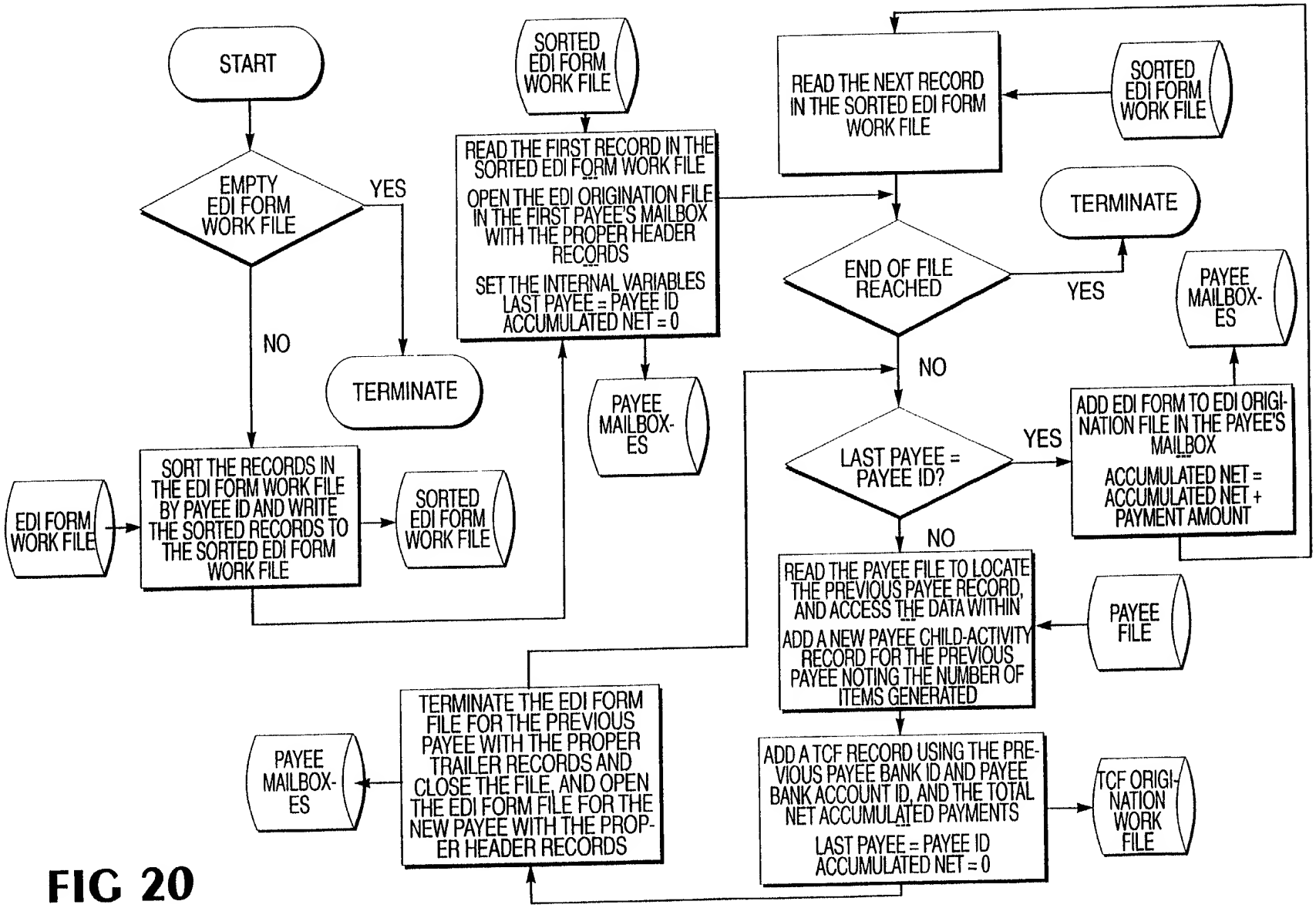

START
EMPTY EDI FORM WORK FILE
YES
NO
TERMINATE
EDI FORM WORK FILE
SORT THE RECORDS IN THE EDI FORM WORK FILE BY PAYEE ID AND WRITE THE SORTED RECORDS TO THE SORTED EDI FORM WORK FILE
SORTED EDI FORM WORK FILE
SORTED EDI FORM WORK FILE
READ THE FIRST RECORD IN THE SORTED EDI FORM WORK FILE
OPEN THE EDI ORIGINATION FILE IN THE FIRST PAYEE'S MAILBOX WITH THE PROPER HEADER RECORDS
SET THE INTERNAL VARIABLES LAST PAYEE = PAYEE ID ACCUMULATED NET = 0
PAYEE MAILBOX-ES
READ THE NEXT RECORD IN THE SORTED EDI FORM WORK FILE
SORTED EDI FORM WORK FILE
END OF FILE REACHED
YES
TERMINATE
PAYEE MAILBOX-ES
NO
LAST PAYEE = PAYEE ID?
YES
ADD EDI FORM TO EDI ORIGINATION FILE IN THE PAYEE'S MAILBOX
ACCUMULATED NET = ACCUMULATED NET + PAYMENT AMOUNT
NO
READ THE PAYEE FILE TO LOCATE THE PREVIOUS PAYEE RECORD, AND ACCESS THE DATA WITHIN
ADD A NEW PAYEE CHILD-ACTIVITY RECORD FOR THE PREVIOUS PAYEE NOTING THE NUMBER OF ITEMS GENERATED
PAYEE FILE
ADD A TCF RECORD USING THE PREVIOUS PAYEE BANK ID AND PAYEE BANK ACCOUNT ID, AND THE TOTAL NET ACCUMULATED PAYMENTS
LAST PAYEE = PAYEE ID
ACCUMULATED NET = 0
TCF ORIGINATION WORK FILE
TERMINATE THE EDI FORM FILE FOR THE PREVIOUS PAYEE WITH THE PROPER TRAILER RECORDS AND CLOSE THE FILE, AND OPEN THE EDI FORM FILE FOR THE NEW PAYEE WITH THE PROPER HEADER RECORDS
PAYEE MAILBOX-ES

FIG 20

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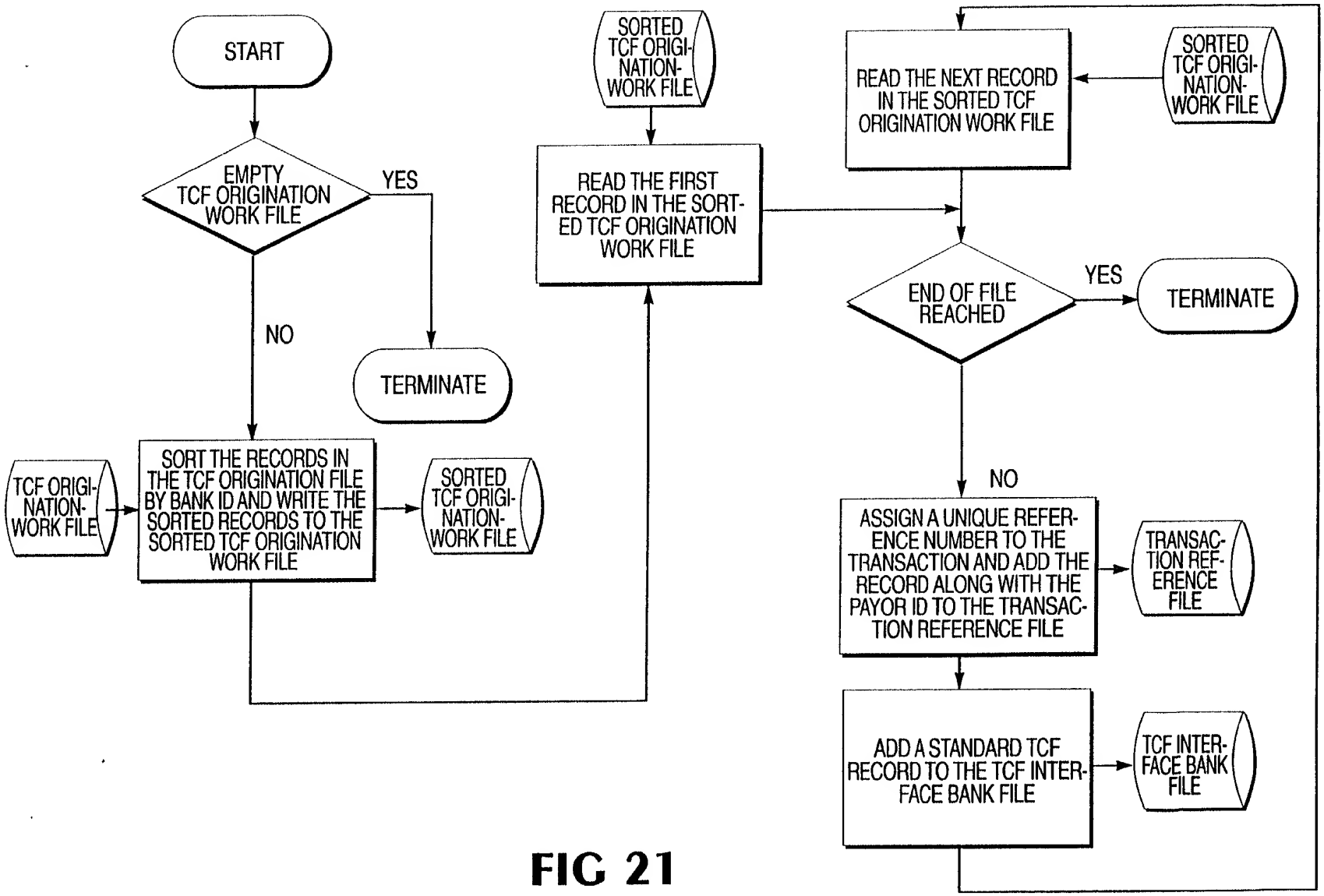


FIG 21

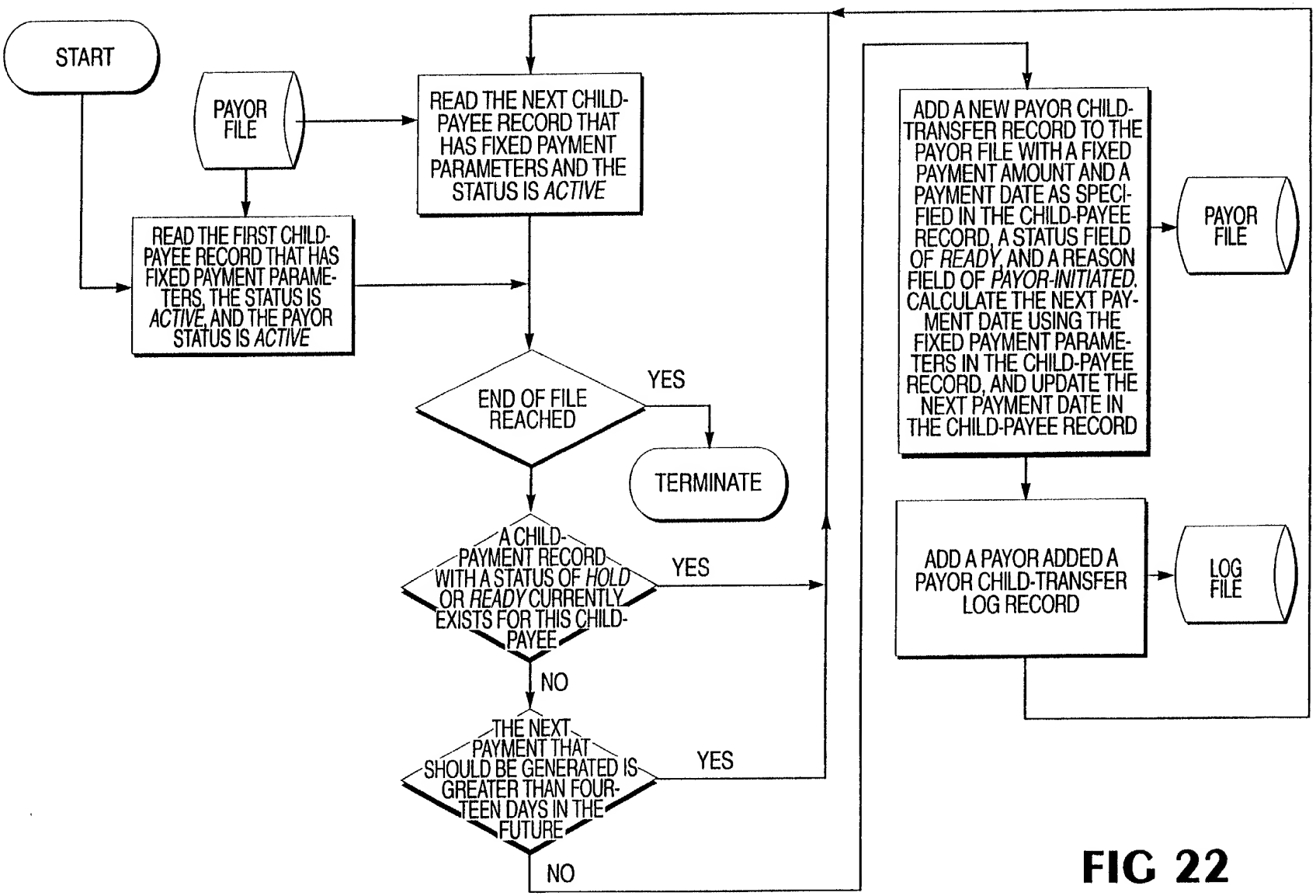

START
PAYOR FILE
READ THE FIRST CHILD-PAYEE RECORD THAT HAS FIXED PAYMENT PARAMETERS, THE STATUS IS *ACTIVE*, AND THE PAYOR STATUS IS *ACTIVE*
READ THE NEXT CHILD-PAYEE RECORD THAT HAS FIXED PAYMENT PARAMETERS AND THE STATUS IS *ACTIVE*
END OF FILE REACHED
YES
TERMINATE
A CHILD-PAYMENT RECORD WITH A STATUS OF *HOLD* OR *READY* CURRENTLY EXISTS FOR THIS CHILD-PAYEE
YES
NO
THE NEXT PAYMENT THAT SHOULD BE GENERATED IS GREATER THAN FOURTEEN DAYS IN THE FUTURE
YES
NO
ADD A NEW PAYOR CHILD-TRANSFER RECORD TO THE PAYOR FILE WITH A FIXED PAYMENT AMOUNT AND A PAYMENT DATE AS SPECIFIED IN THE CHILD-PAYEE RECORD, A STATUS FIELD OF *READY*, AND A REASON FIELD OF *PAYOR-INITIATED*. CALCULATE THE NEXT PAYMENT DATE USING THE FIXED PAYMENT PARAMETERS IN THE CHILD-PAYEE RECORD, AND UPDATE THE NEXT PAYMENT DATE IN THE CHILD-PAYEE RECORD
PAYOR FILE
ADD A PAYOR ADDED A PAYOR CHILD-TRANSFER LOG RECORD
LOG FILE

FIG 22

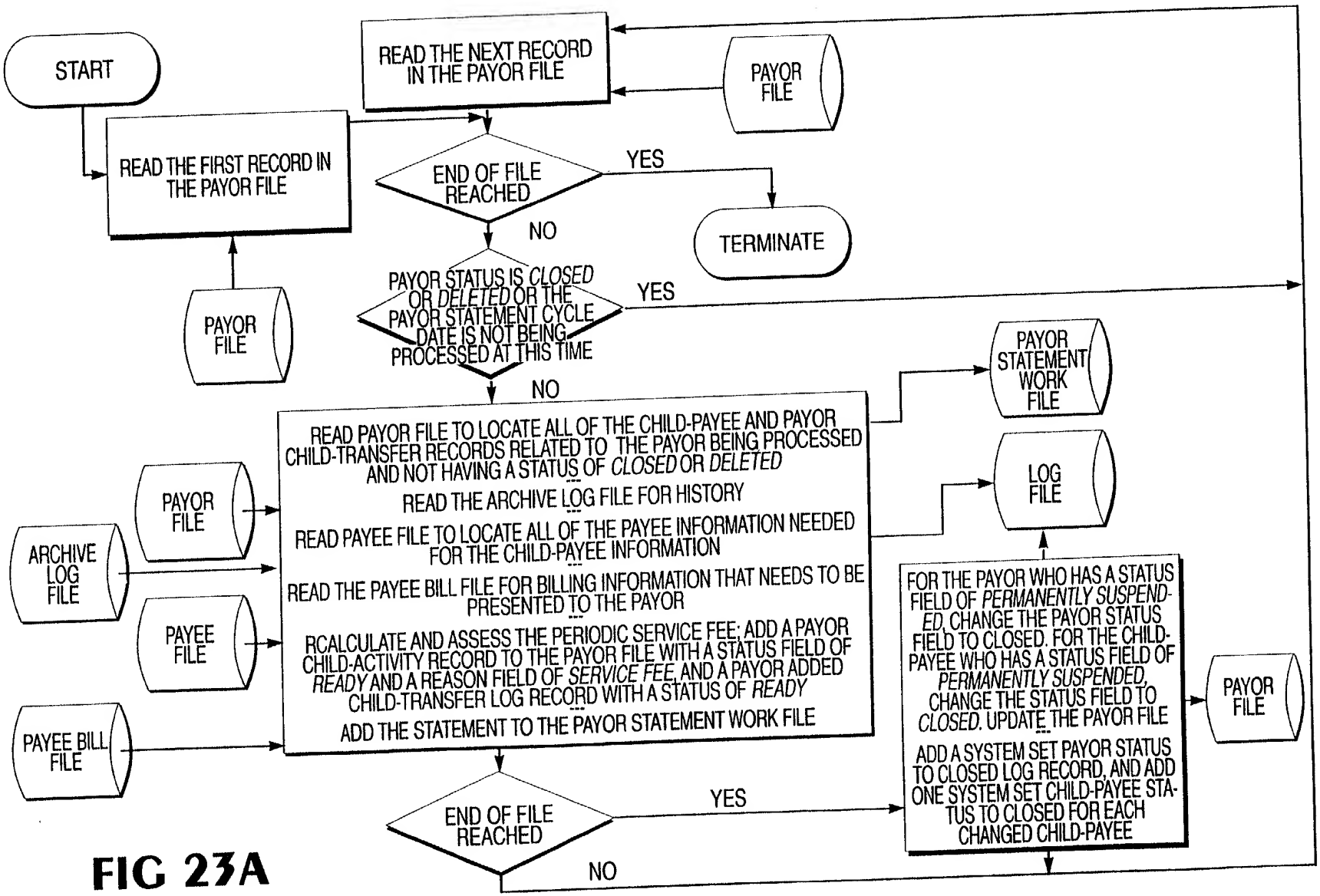

START
READ THE NEXT RECORD IN THE PAYOR FILE
PAYOR FILE
READ THE FIRST RECORD IN THE PAYOR FILE
END OF FILE REACHED
YES
TERMINATE
NO
PAYOR FILE
PAYOR STATUS IS CLOSED OR DELETED OR THE PAYOR STATEMENT CYCLE DATE IS NOT BEING PROCESSED AT THIS TIME
YES
NO
PAYOR STATEMENT WORK FILE
LOG FILE
PAYOR FILE
ARCHIVE LOG FILE
PAYEE FILE
PAYEE BILL FILE
READ PAYOR FILE TO LOCATE ALL OF THE CHILD-PAYEE AND PAYOR CHILD-TRANSFER RECORDS RELATED TO THE PAYOR BEING PROCESSED AND NOT HAVING A STATUS OF CLOSED OR DELETED
READ THE ARCHIVE LOG FILE FOR HISTORY
READ PAYEE FILE TO LOCATE ALL OF THE PAYEE INFORMATION NEEDED FOR THE CHILD-PAYEE INFORMATION
READ THE PAYEE BILL FILE FOR BILLING INFORMATION THAT NEEDS TO BE PRESENTED TO THE PAYOR
RCALCULATE AND ASSESS THE PERIODIC SERVICE FEE; ADD A PAYOR CHILD-ACTIVITY RECORD TO THE PAYOR FILE WITH A STATUS FIELD OF READY AND A REASON FIELD OF SERVICE FEE, AND A PAYOR ADDED CHILD-TRANSFER LOG RECORD WITH A STATUS OF READY
ADD THE STATEMENT TO THE PAYOR STATEMENT WORK FILE
END OF FILE REACHED
YES
NO
FOR THE PAYOR WHO HAS A STATUS FIELD OF PERMANENTLY SUSPENDED, CHANGE THE PAYOR STATUS FIELD TO CLOSED. FOR THE CHILD-PAYEE WHO HAS A STATUS FIELD OF PERMANENTLY SUSPENDED, CHANGE THE STATUS FIELD TO CLOSED. UPDATE THE PAYOR FILE
ADD A SYSTEM SET PAYOR STATUS TO CLOSED LOG RECORD, AND ADD ONE SYSTEM SET CHILD-PAYEE STATUS TO CLOSED FOR EACH CHANGED CHILD-PAYEE
PAYOR FILE

FIG 23A

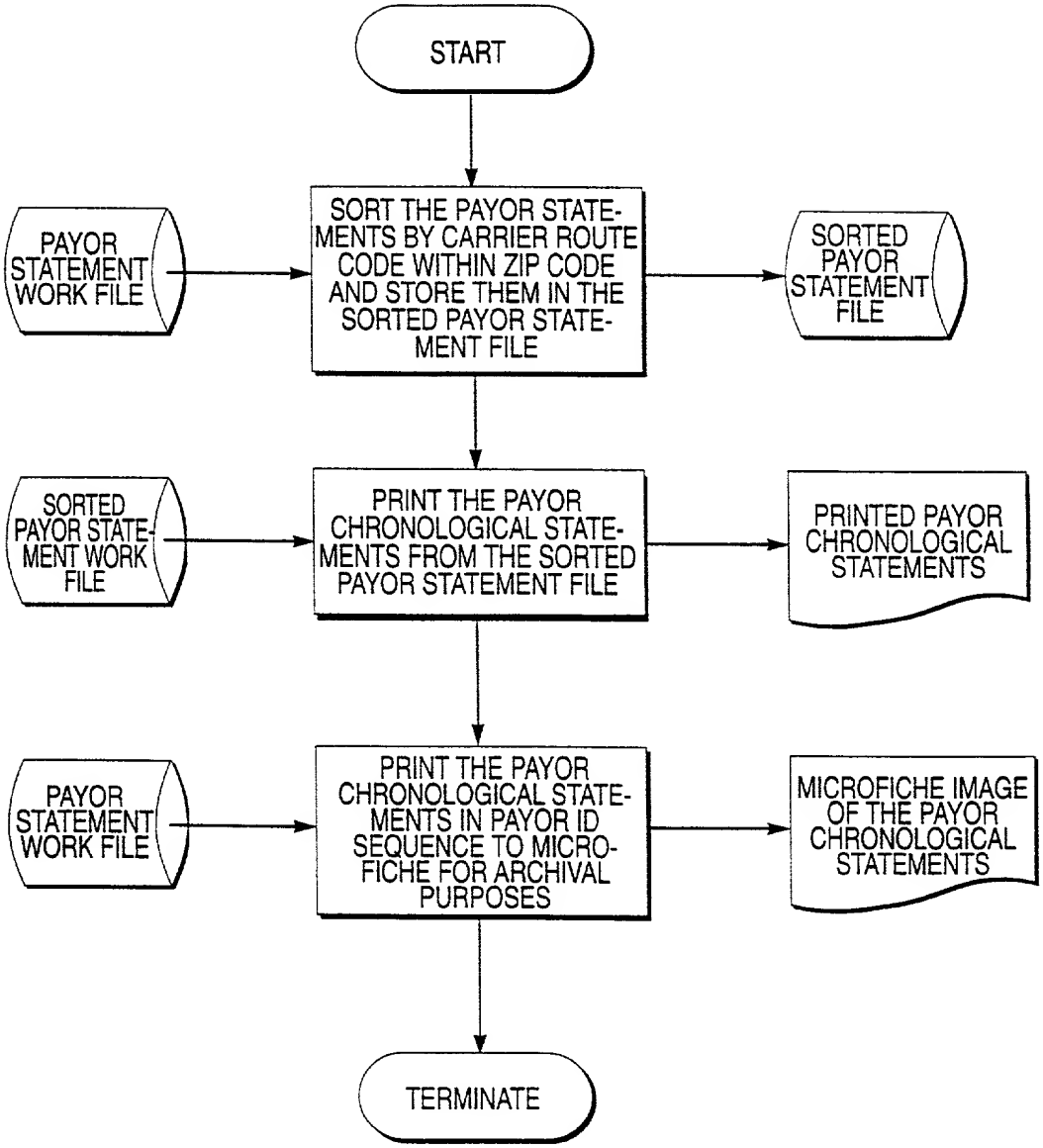
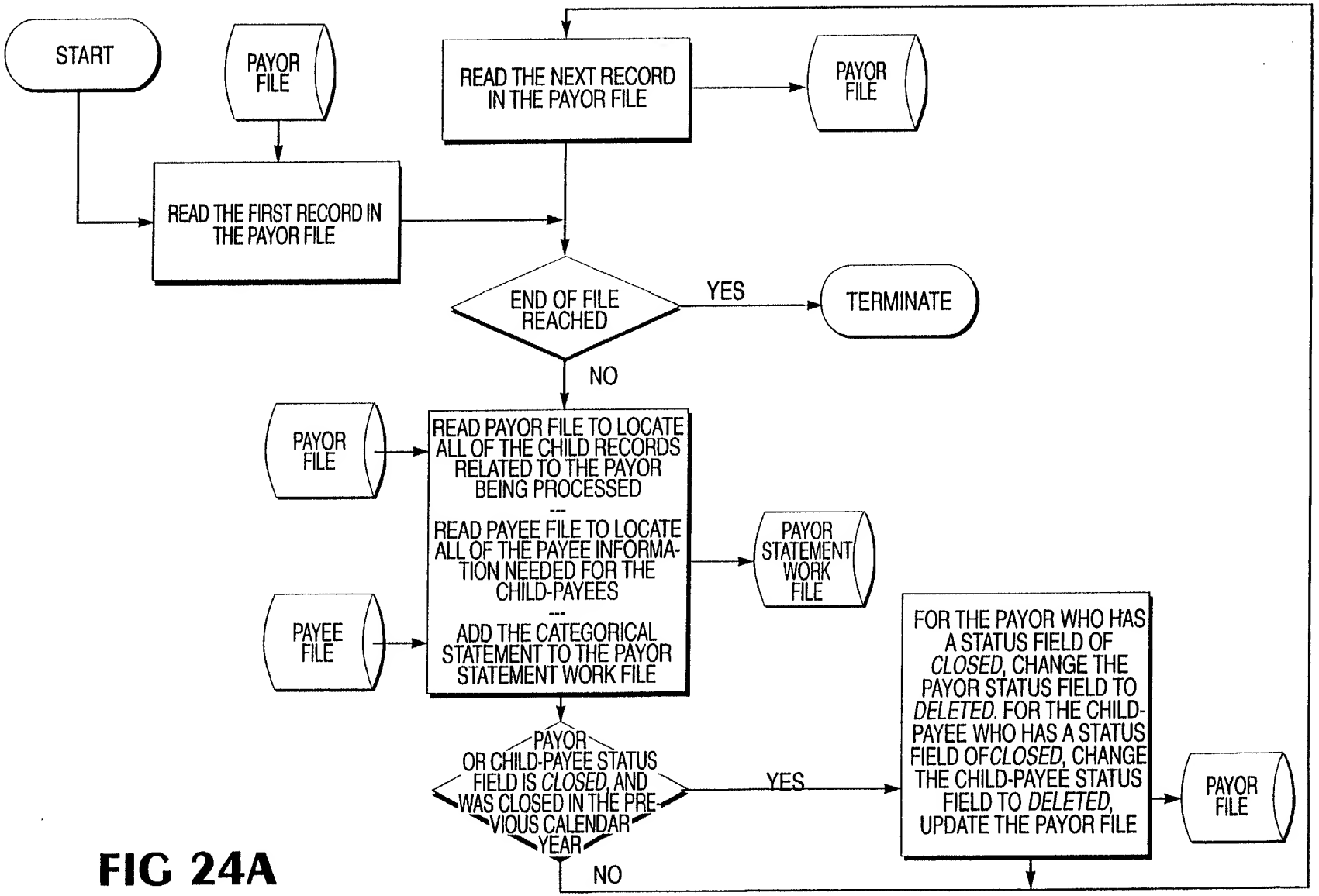

START
PAYOR STATEMENT WORK FILE
SORT THE PAYOR STATEMENTS BY CARRIER ROUTE CODE WITHIN ZIP CODE AND STORE THEM IN THE SORTED PAYOR STATEMENT FILE
SORTED PAYOR STATEMENT FILE
SORTED PAYOR STATEMENT WORK FILE
PRINT THE PAYOR CHRONOLOGICAL STATEMENTS FROM THE SORTED PAYOR STATEMENT FILE
PRINTED PAYOR CHRONOLOGICAL STATEMENTS
PAYOR STATEMENT WORK FILE
PRINT THE PAYOR CHRONOLOGICAL STATEMENTS IN PAYOR ID SEQUENCE TO MICROFICHE FOR ARCHIVAL PURPOSES
MICROFICHE IMAGE OF THE PAYOR CHRONOLOGICAL STATEMENTS
TERMINATE

FIG 23B


START
PAYOR FILE
READ THE FIRST RECORD IN THE PAYOR FILE
READ THE NEXT RECORD IN THE PAYOR FILE
PAYOR FILE
END OF FILE REACHED
YES
TERMINATE
NO
PAYOR FILE
READ PAYOR FILE TO LOCATE ALL OF THE CHILD RECORDS RELATED TO THE PAYOR BEING PROCESSED

READ PAYEE FILE TO LOCATE ALL OF THE PAYEE INFORMATION NEEDED FOR THE CHILD-PAYEES

ADD THE CATEGORICAL STATEMENT TO THE PAYOR STATEMENT WORK FILE
PAYOR STATEMENT WORK FILE
PAYEE FILE
PAYOR OR CHILD-PAYEE STATUS FIELD IS *CLOSED*, AND WAS CLOSED IN THE PREVIOUS CALENDAR YEAR
YES
NO
FOR THE PAYOR WHO HAS A STATUS FIELD OF *CLOSED*, CHANGE THE PAYOR STATUS FIELD TO *DELETED*. FOR THE CHILD-PAYEE WHO HAS A STATUS FIELD OF *CLOSED*, CHANGE THE CHILD-PAYEE STATUS FIELD TO *DELETED*, UPDATE THE PAYOR FILE
PAYOR FILE

FIG 24A

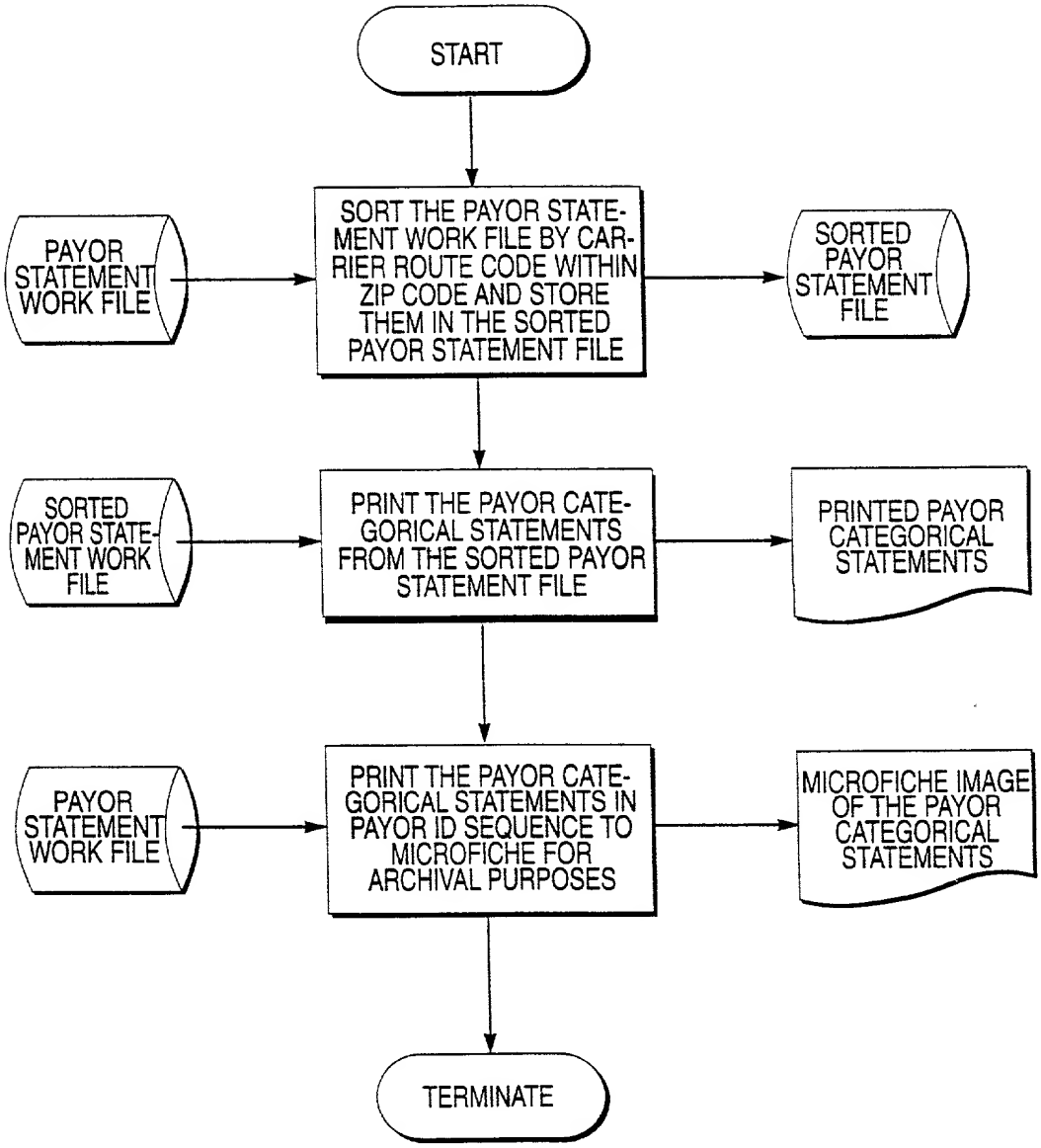
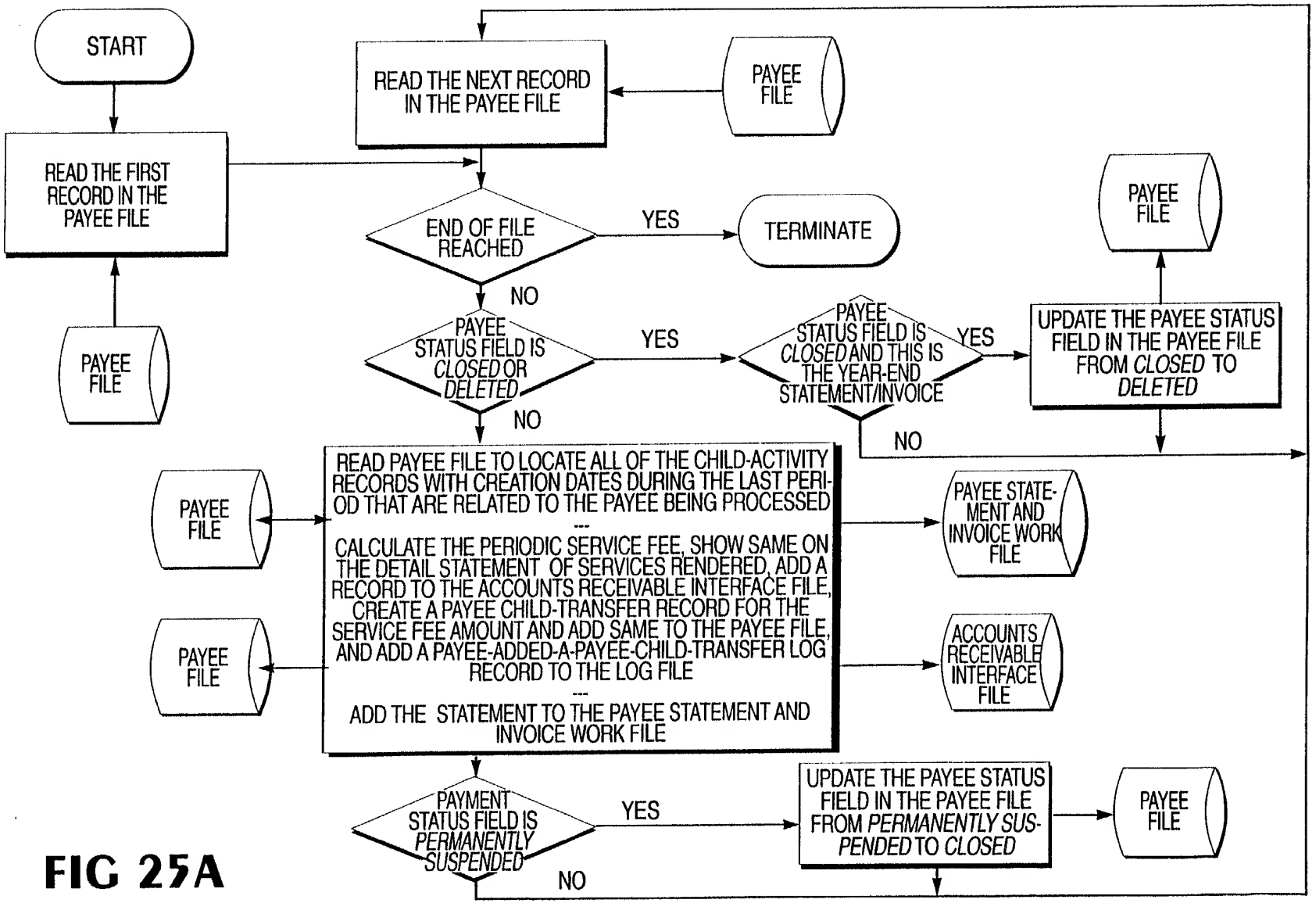

START
SORT THE PAYOR STATEMENT WORK FILE BY CARRIER ROUTE CODE WITHIN ZIP CODE AND STORE THEM IN THE SORTED PAYOR STATEMENT FILE
PAYOR STATEMENT WORK FILE
SORTED PAYOR STATEMENT FILE
SORTED PAYOR STATEMENT WORK FILE
PRINT THE PAYOR CATEGORICAL STATEMENTS FROM THE SORTED PAYOR STATEMENT FILE
PRINTED PAYOR CATEGORICAL STATEMENTS
PAYOR STATEMENT WORK FILE
PRINT THE PAYOR CATEGORICAL STATEMENTS IN PAYOR ID SEQUENCE TO MICROFICHE FOR ARCHIVAL PURPOSES
MICROFICHE IMAGE OF THE PAYOR CATEGORICAL STATEMENTS
TERMINATE

FIG 24B


START
READ THE FIRST RECORD IN THE PAYEE FILE
PAYEE FILE
READ THE NEXT RECORD IN THE PAYEE FILE
PAYEE FILE
END OF FILE REACHED
YES
TERMINATE
NO
PAYEE STATUS FIELD IS CLOSED OR DELETED
YES
PAYEE STATUS FIELD IS CLOSED AND THIS IS THE YEAR-END STATEMENT/INVOICE
YES
UPDATE THE PAYEE STATUS FIELD IN THE PAYEE FILE FROM CLOSED TO DELETED
PAYEE FILE
NO
NO
PAYEE FILE
READ PAYEE FILE TO LOCATE ALL OF THE CHILD-ACTIVITY RECORDS WITH CREATION DATES DURING THE LAST PERIOD THAT ARE RELATED TO THE PAYEE BEING PROCESSED

CALCULATE THE PERIODIC SERVICE FEE, SHOW SAME ON THE DETAIL STATEMENT OF SERVICES RENDERED, ADD A RECORD TO THE ACCOUNTS RECEIVABLE INTERFACE FILE, CREATE A PAYEE CHILD-TRANSFER RECORD FOR THE SERVICE FEE AMOUNT AND ADD SAME TO THE PAYEE FILE, AND ADD A PAYEE-ADDED-A-PAYEE-CHILD-TRANSFER LOG RECORD TO THE LOG FILE

ADD THE STATEMENT TO THE PAYEE STATEMENT AND INVOICE WORK FILE
PAYEE STATEMENT AND INVOICE WORK FILE
PAYEE FILE
ACCOUNTS RECEIVABLE INTERFACE FILE
PAYMENT STATUS FIELD IS PERMANENTLY SUSPENDED
YES
UPDATE THE PAYEE STATUS FIELD IN THE PAYEE FILE FROM PERMANENTLY SUSPENDED TO CLOSED
PAYEE FILE
NO

FIG 25A

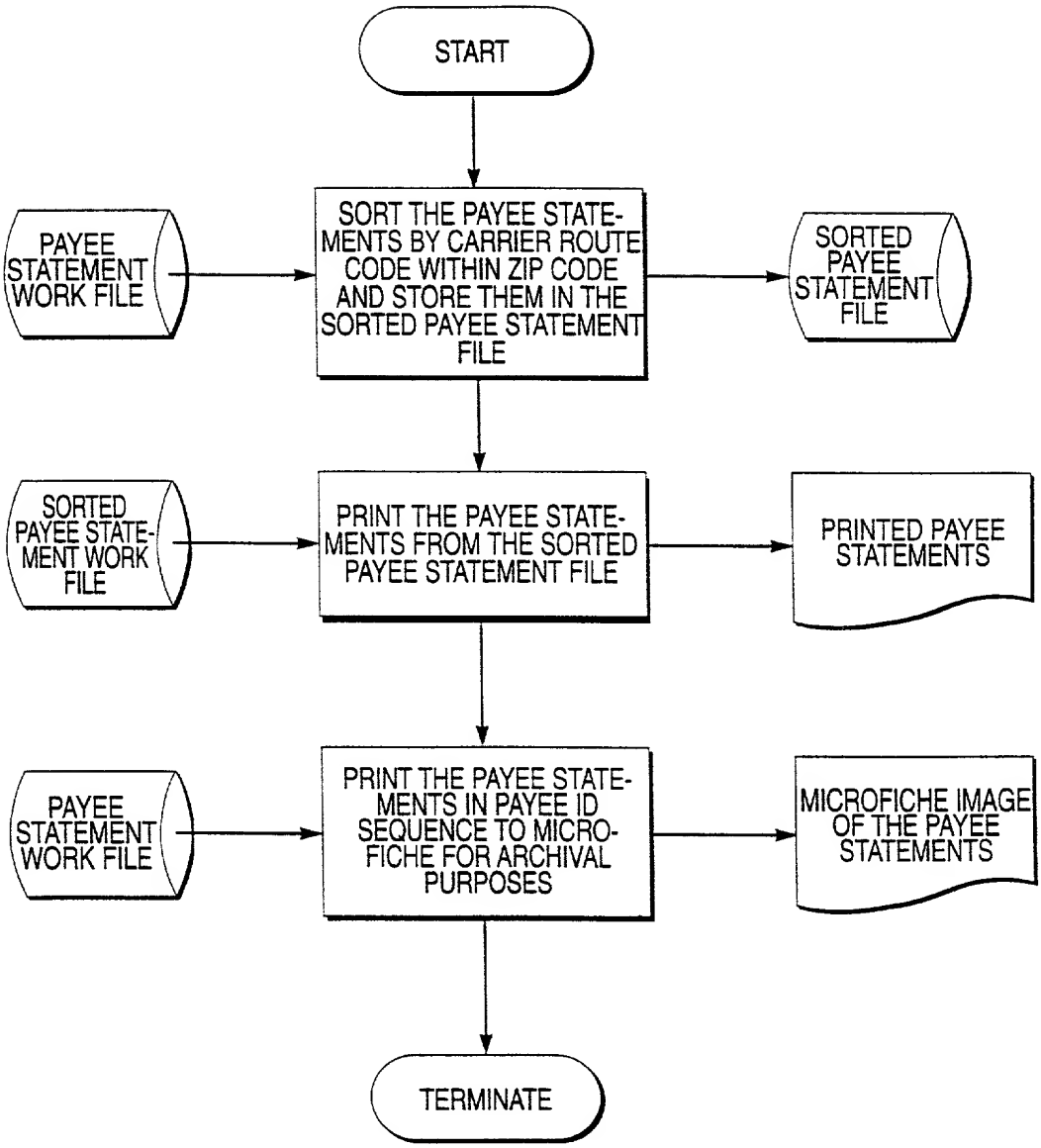

START
PAYEE STATEMENT WORK FILE
SORT THE PAYEE STATEMENTS BY CARRIER ROUTE CODE WITHIN ZIP CODE AND STORE THEM IN THE SORTED PAYEE STATEMENT FILE
SORTED PAYEE STATEMENT FILE
SORTED PAYEE STATEMENT WORK FILE
PRINT THE PAYEE STATEMENTS FROM THE SORTED PAYEE STATEMENT FILE
PRINTED PAYEE STATEMENTS
PAYEE STATEMENT WORK FILE
PRINT THE PAYEE STATEMENTS IN PAYEE ID SEQUENCE TO MICROFICHE FOR ARCHIVAL PURPOSES
MICROFICHE IMAGE OF THE PAYEE STATEMENTS
TERMINATE

FIG 25B